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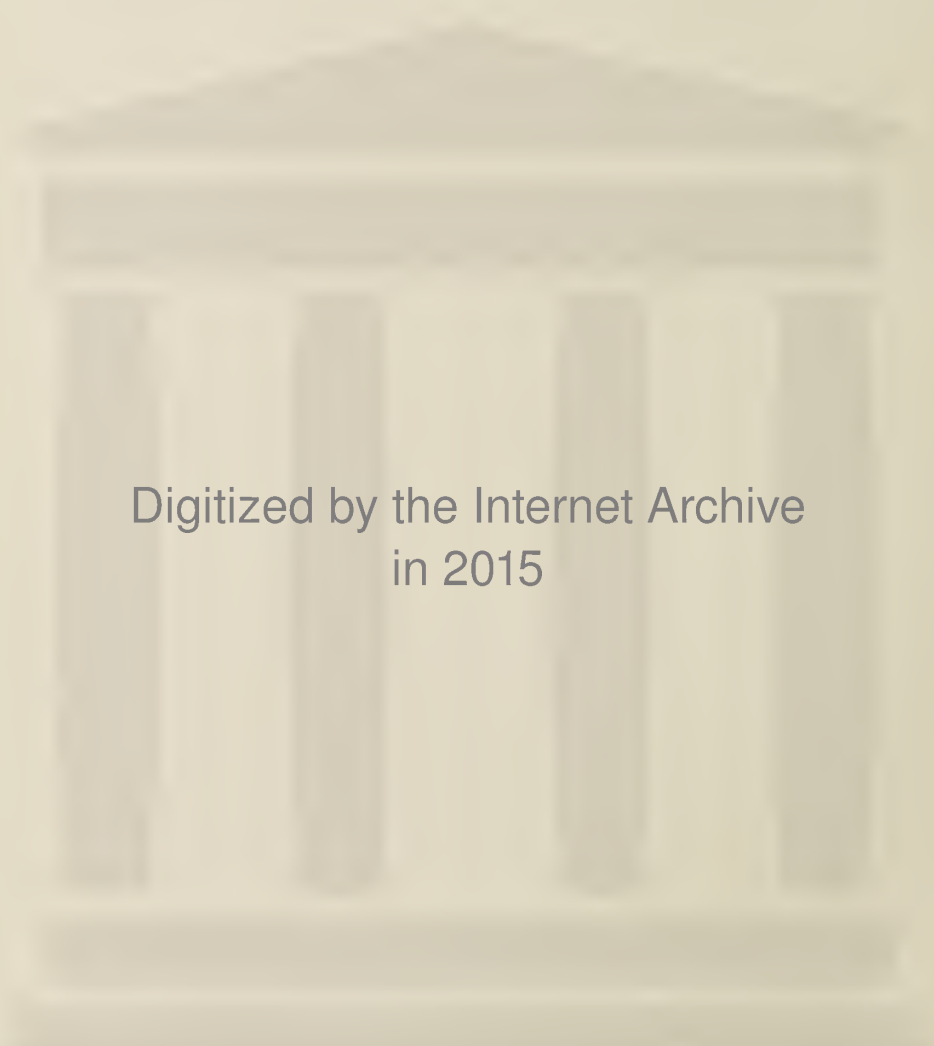
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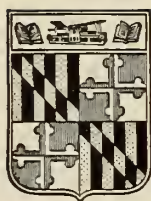
PLATES

MARYLAND GEOLOGICAL SURVEY



DEVONIAN PLATES

BALTIMORE
THE JOHNS HOPKINS PRESS
1913



The Lord Baltimore Press
BALTIMORE, MD., U. S. A.

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Plates

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NOTE

Plates I to XVI, illustrating the Geological and Paleontological Relations of the Lower Devonian, are bound with the text volume. The following plates illustrate the Systematic Paleontology of the Lower Devonian of Maryland.

All drawings cited from New York formations, in the following descriptions of plates, are from the Paleontology of New York, and are after Hall or Hall and Clarke. Only in cases where Hall figured material from Maryland is acknowledgment made in the descriptions.

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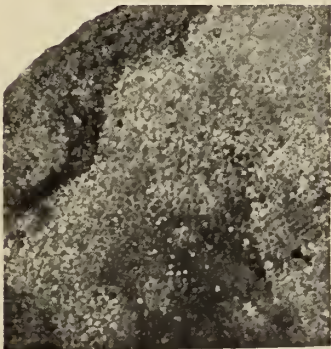
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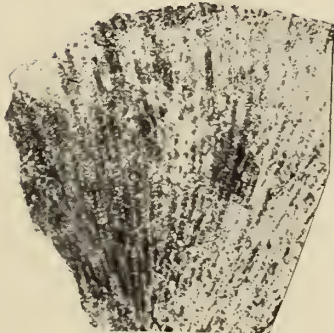
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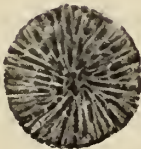
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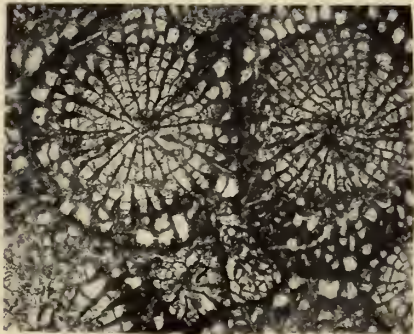
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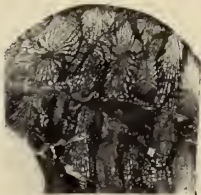
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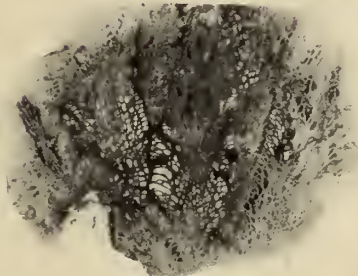
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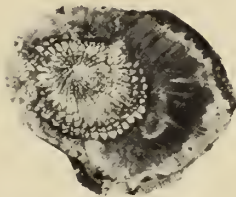
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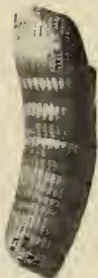
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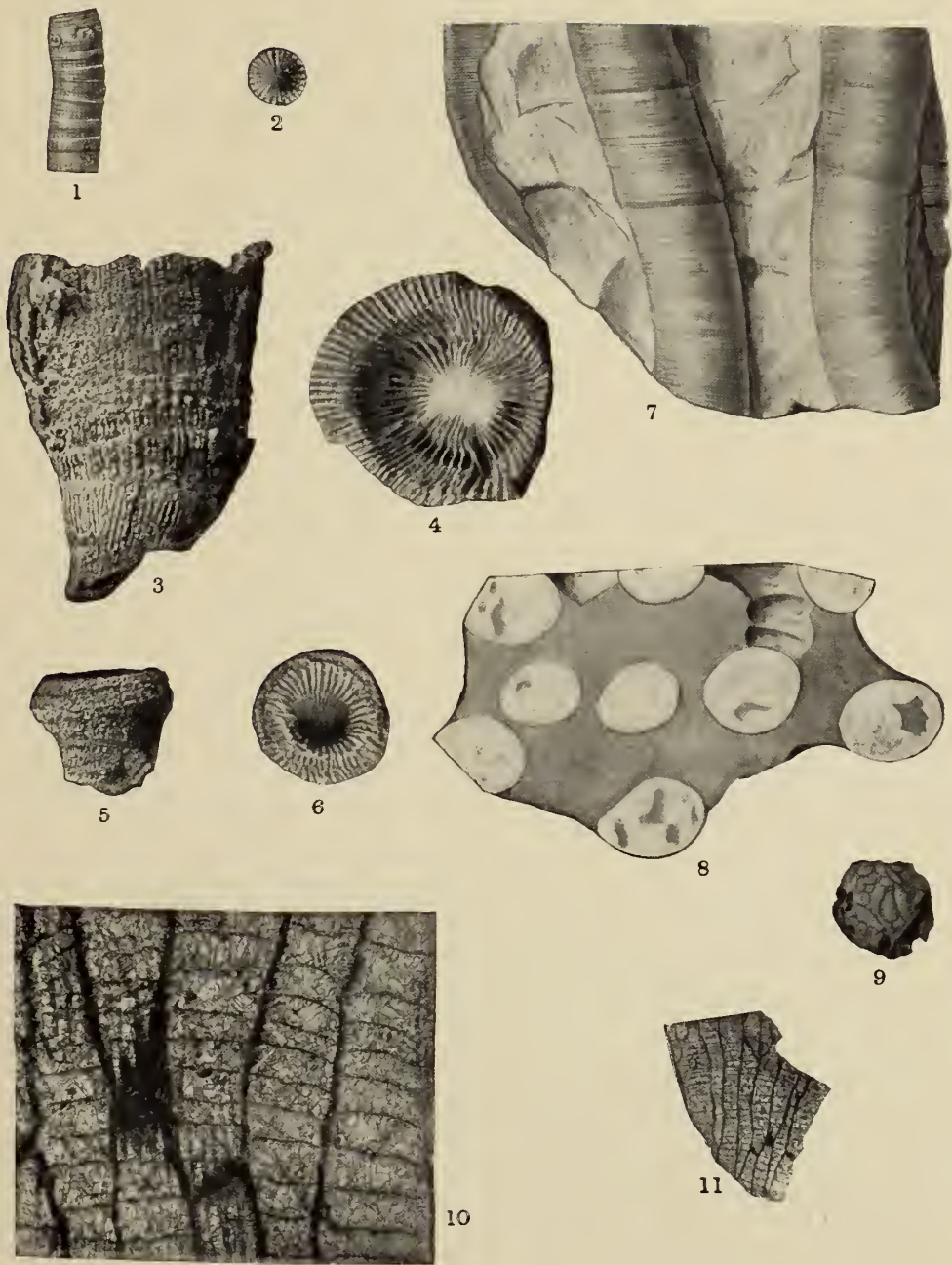


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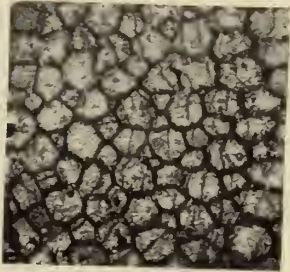
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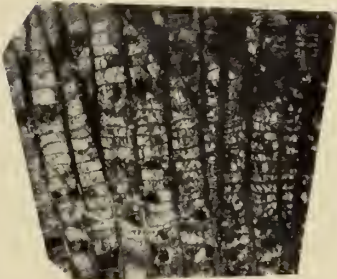
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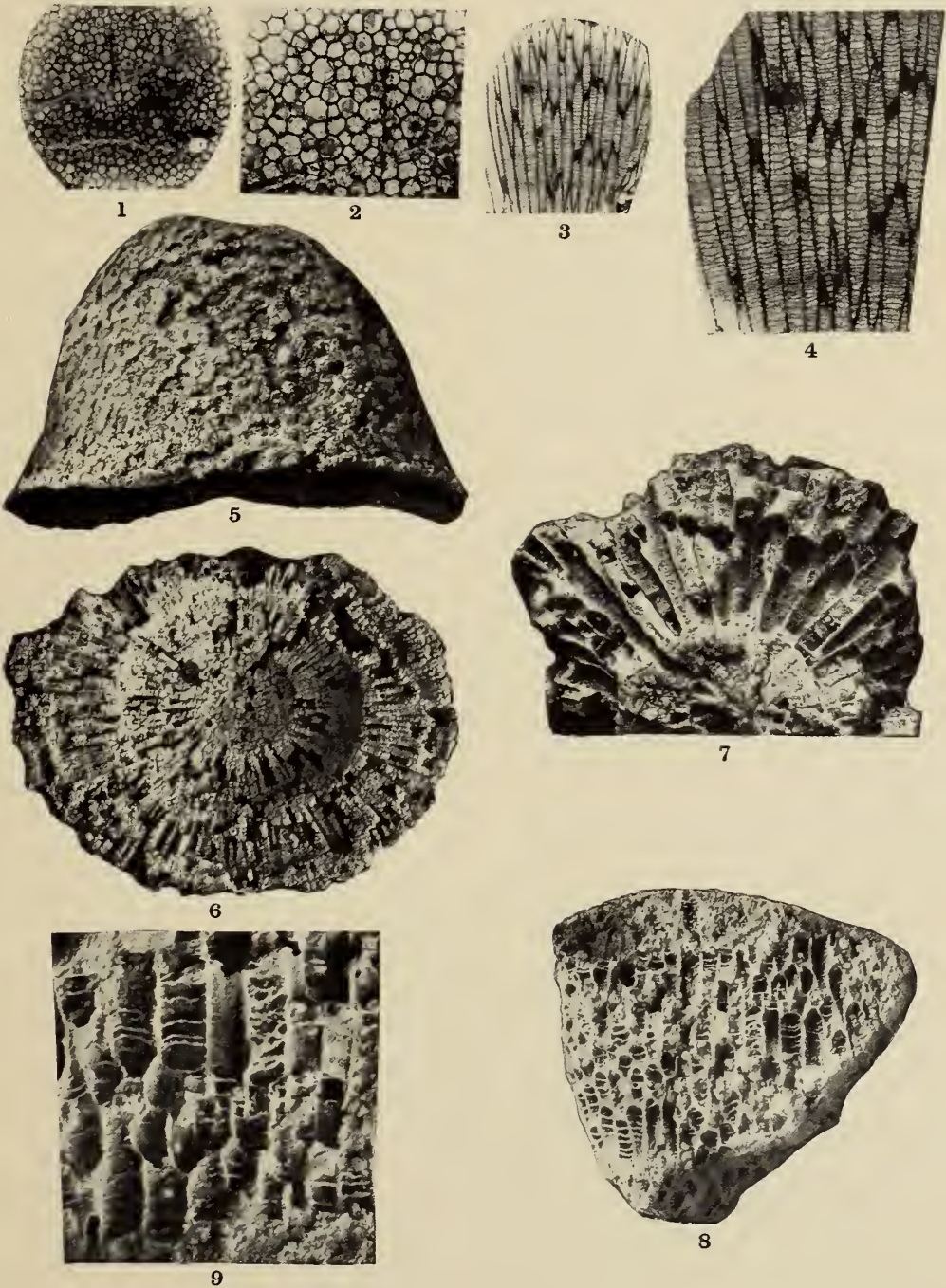
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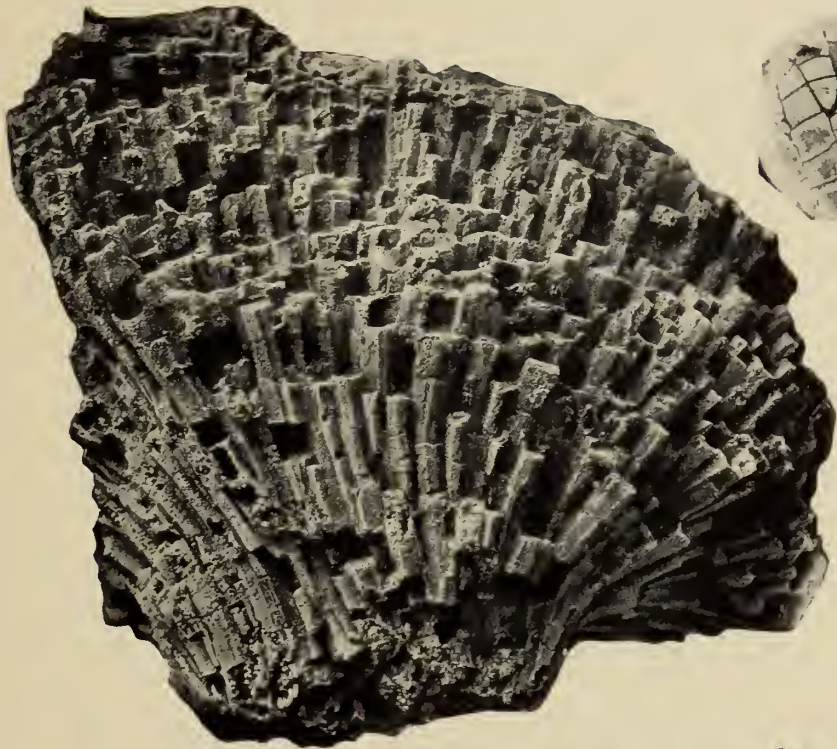
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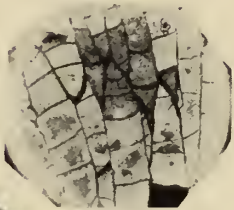
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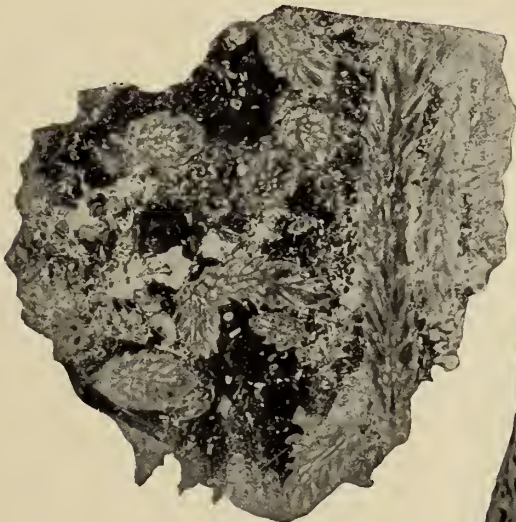
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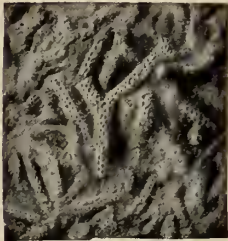
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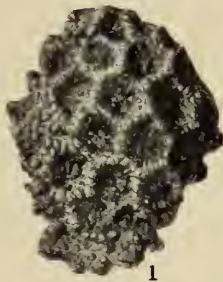


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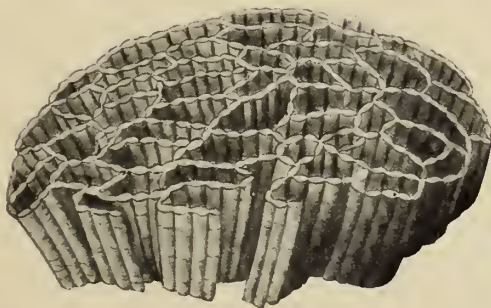
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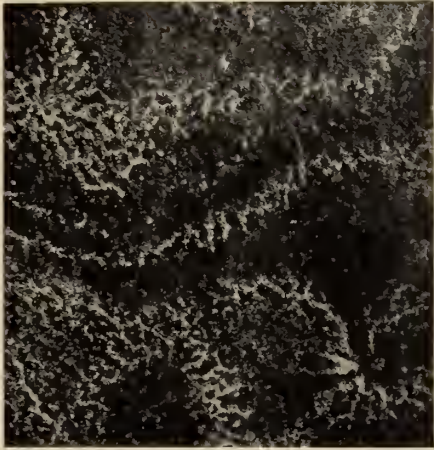


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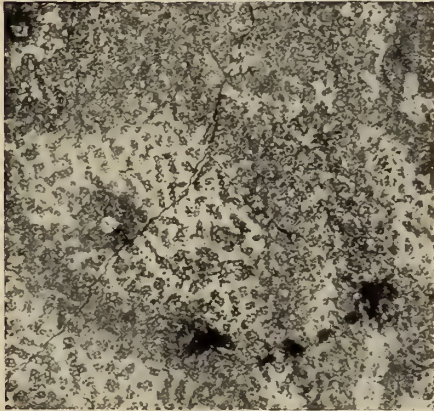
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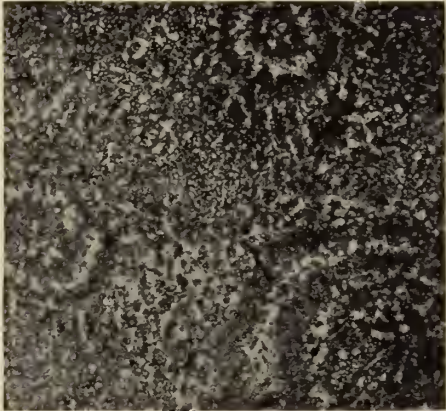
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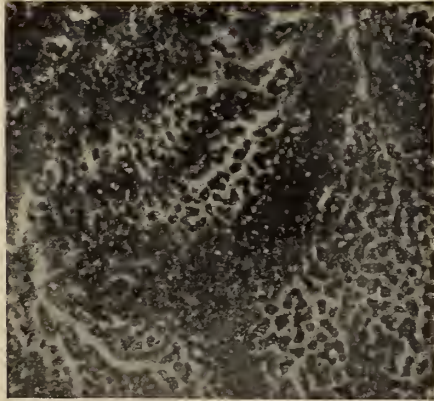
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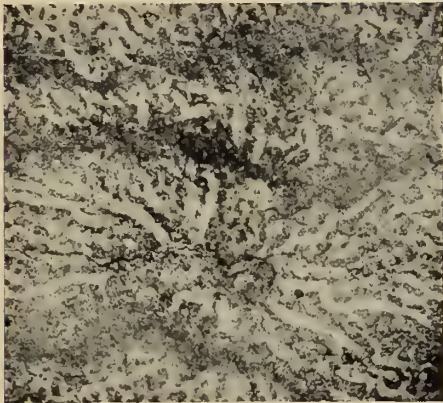
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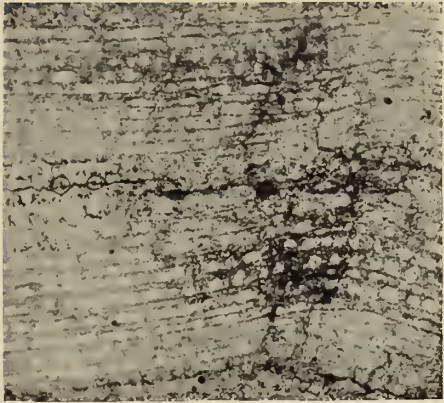
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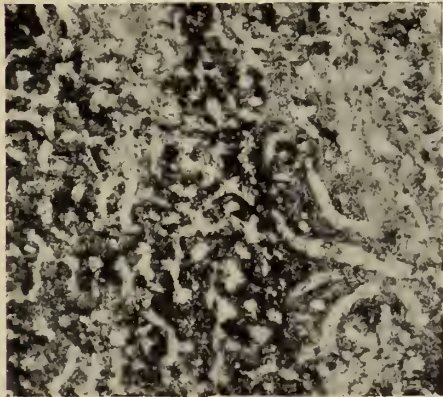
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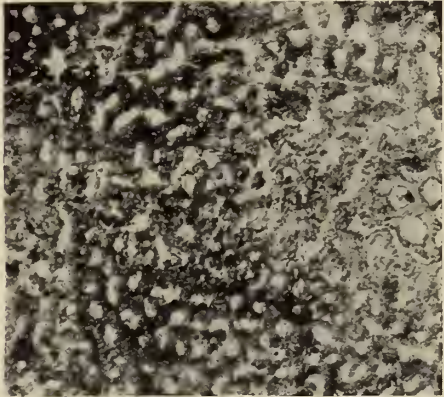
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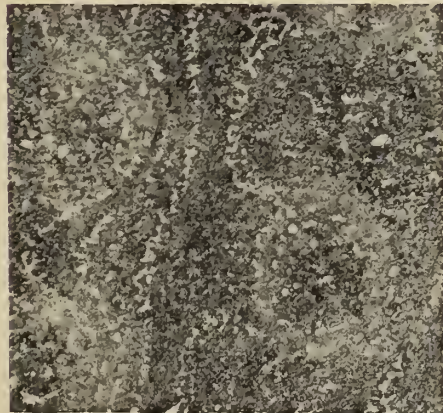
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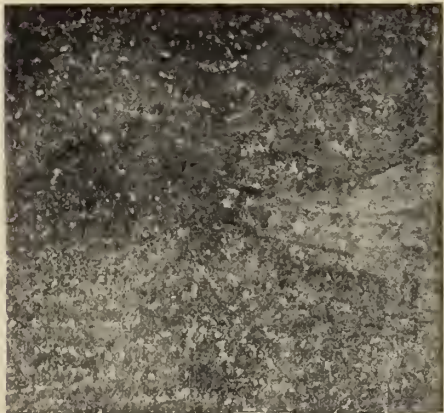
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CŒLENTERATA—HYDROZOA

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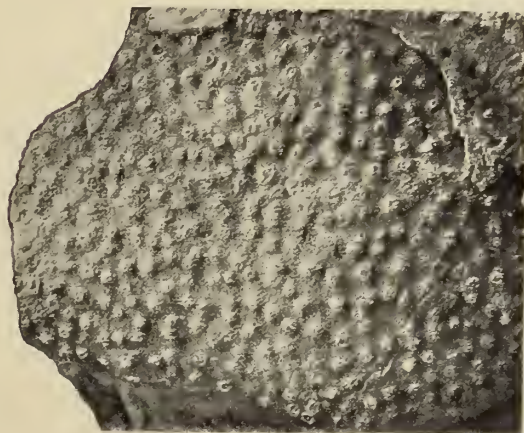
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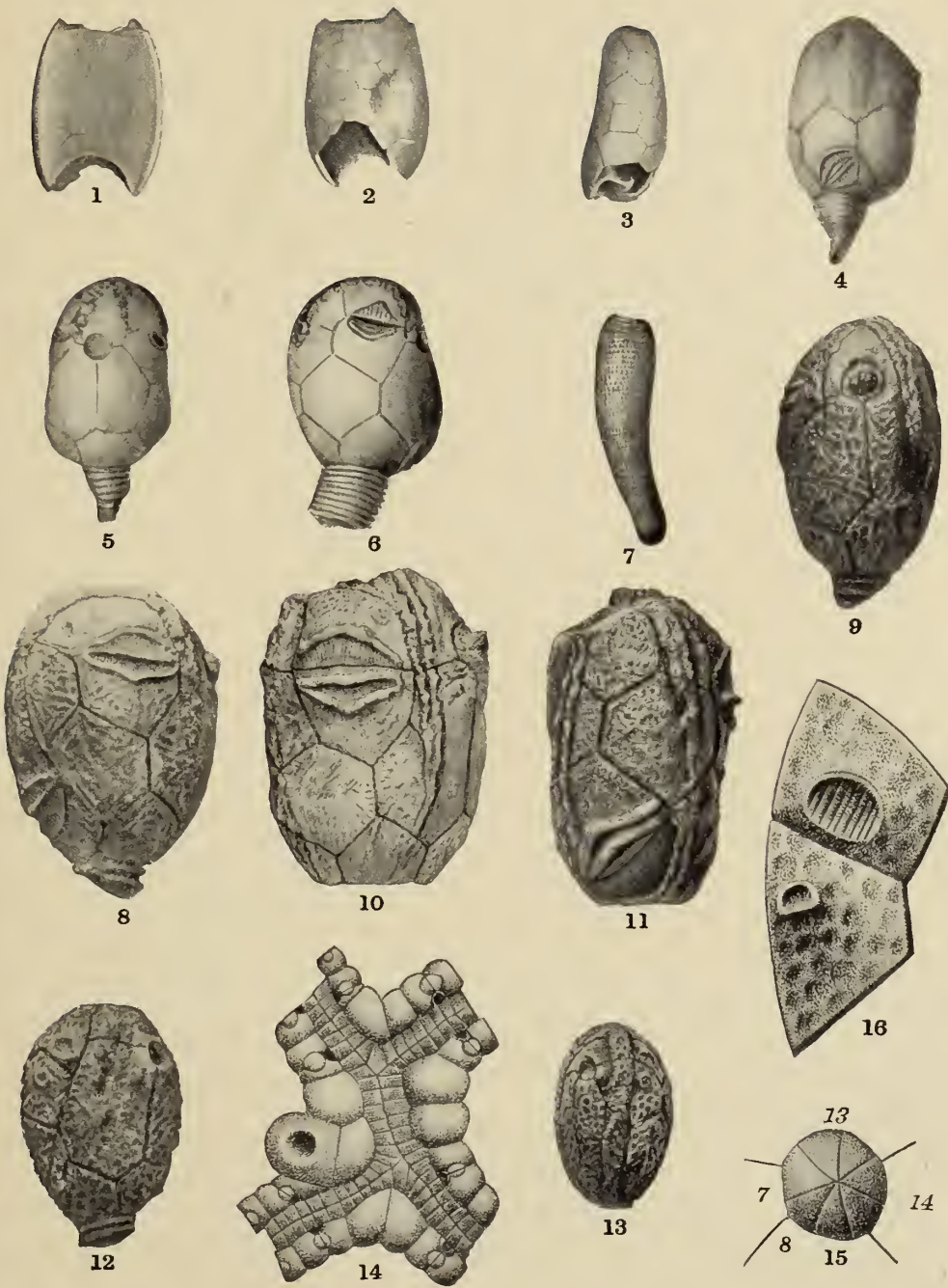
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ECHINODERMATA—CYSTOIDEA

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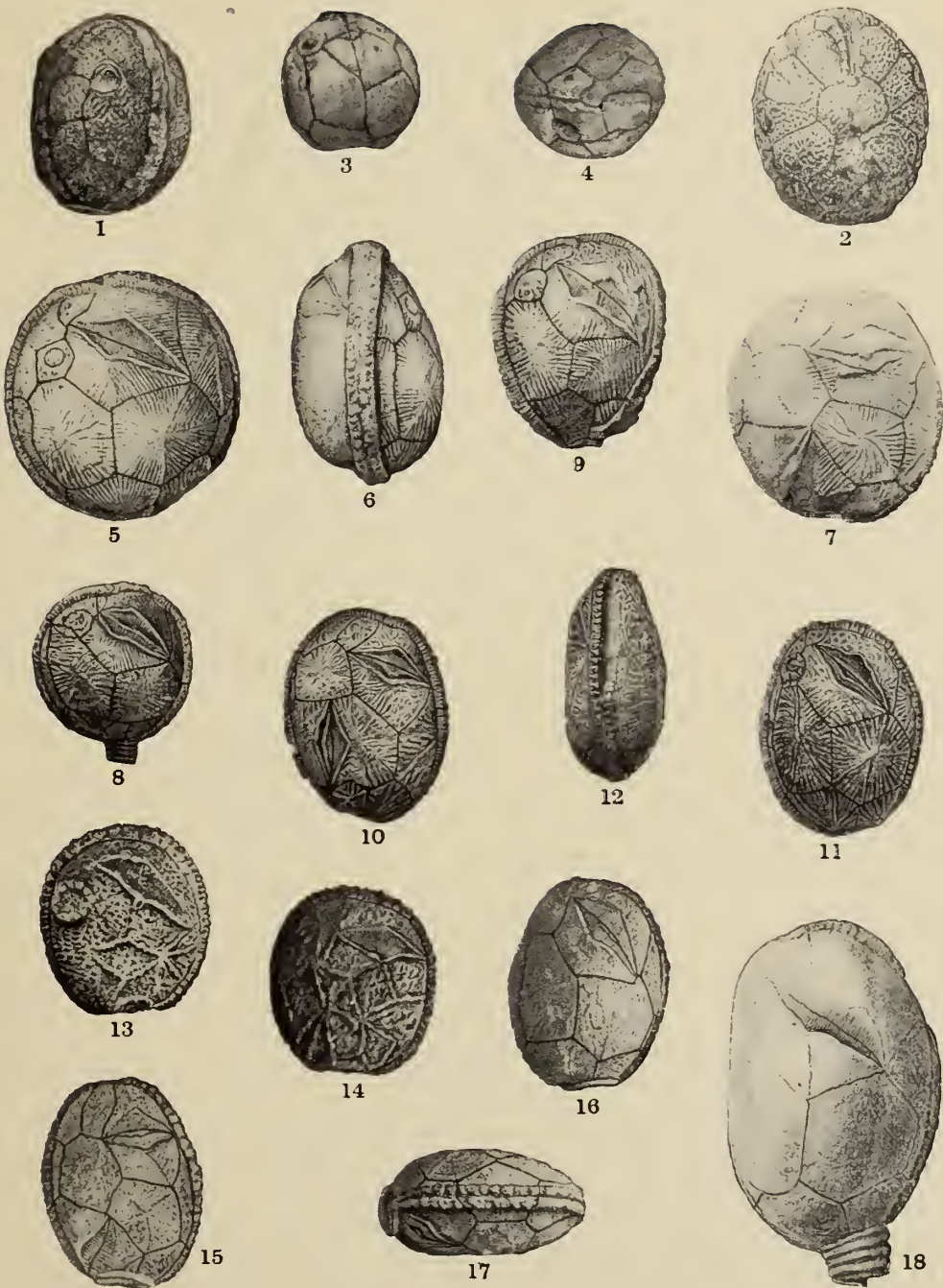
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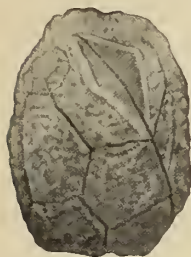
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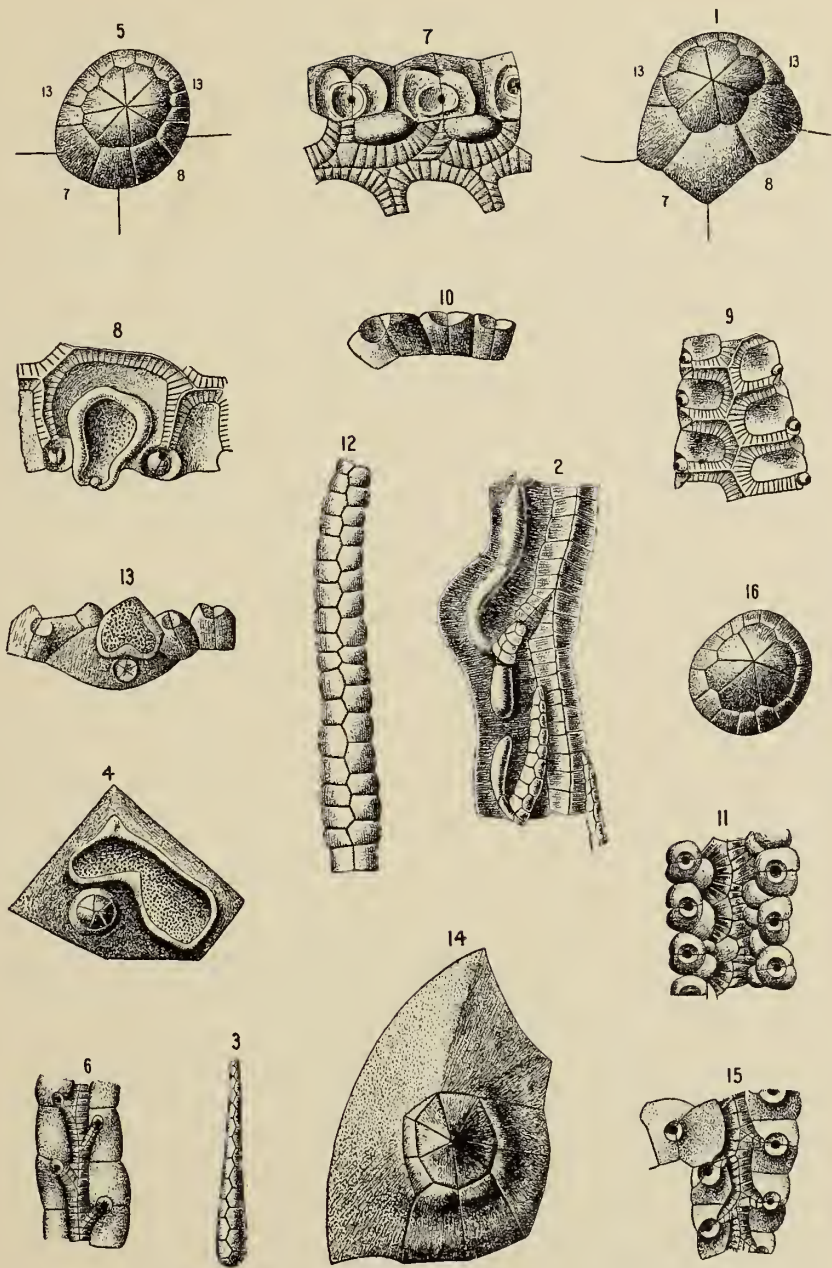
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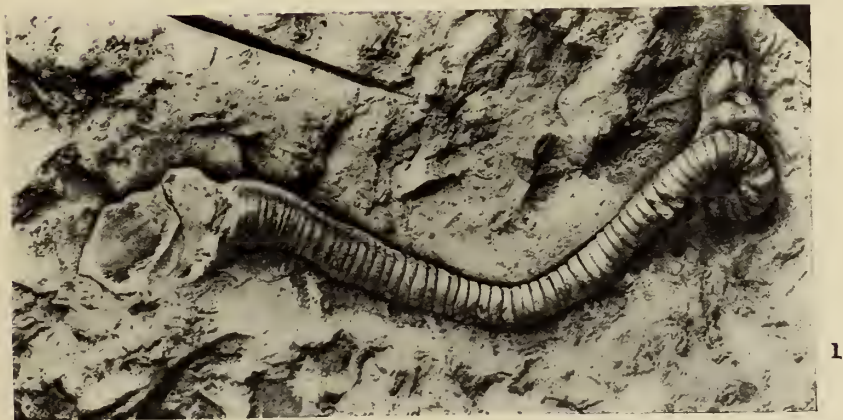
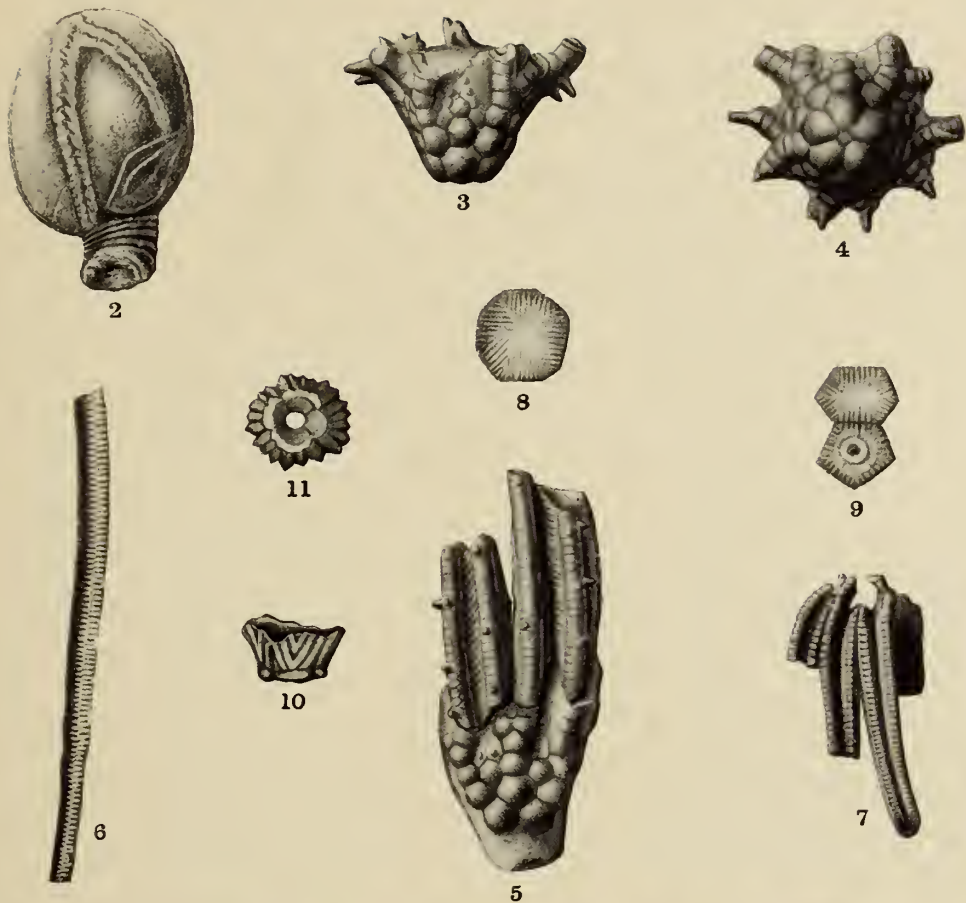
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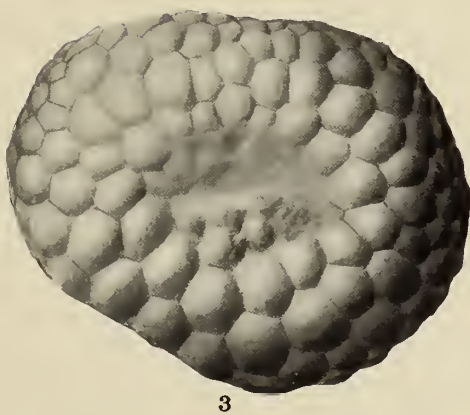
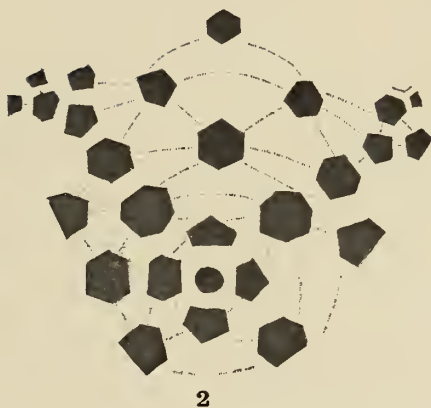
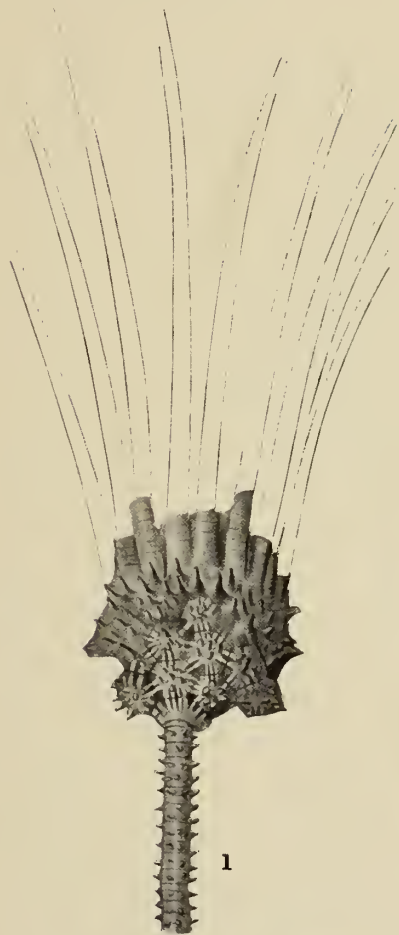
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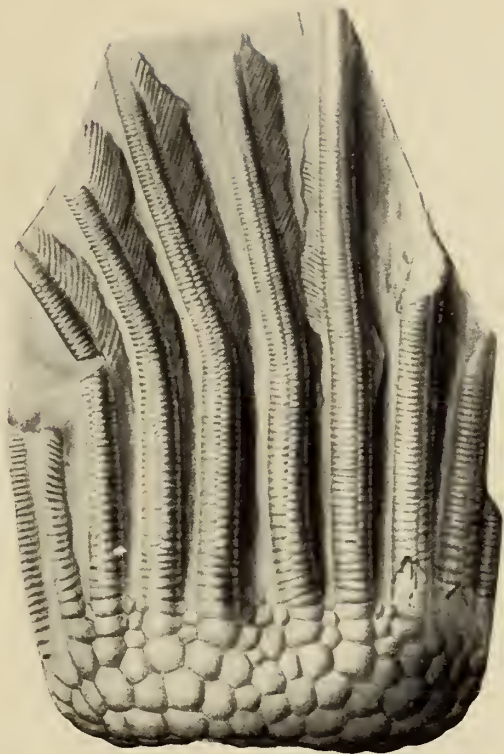
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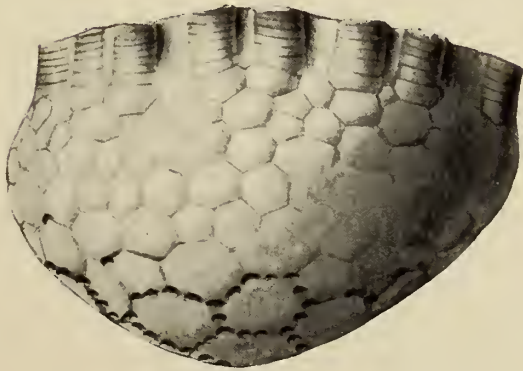
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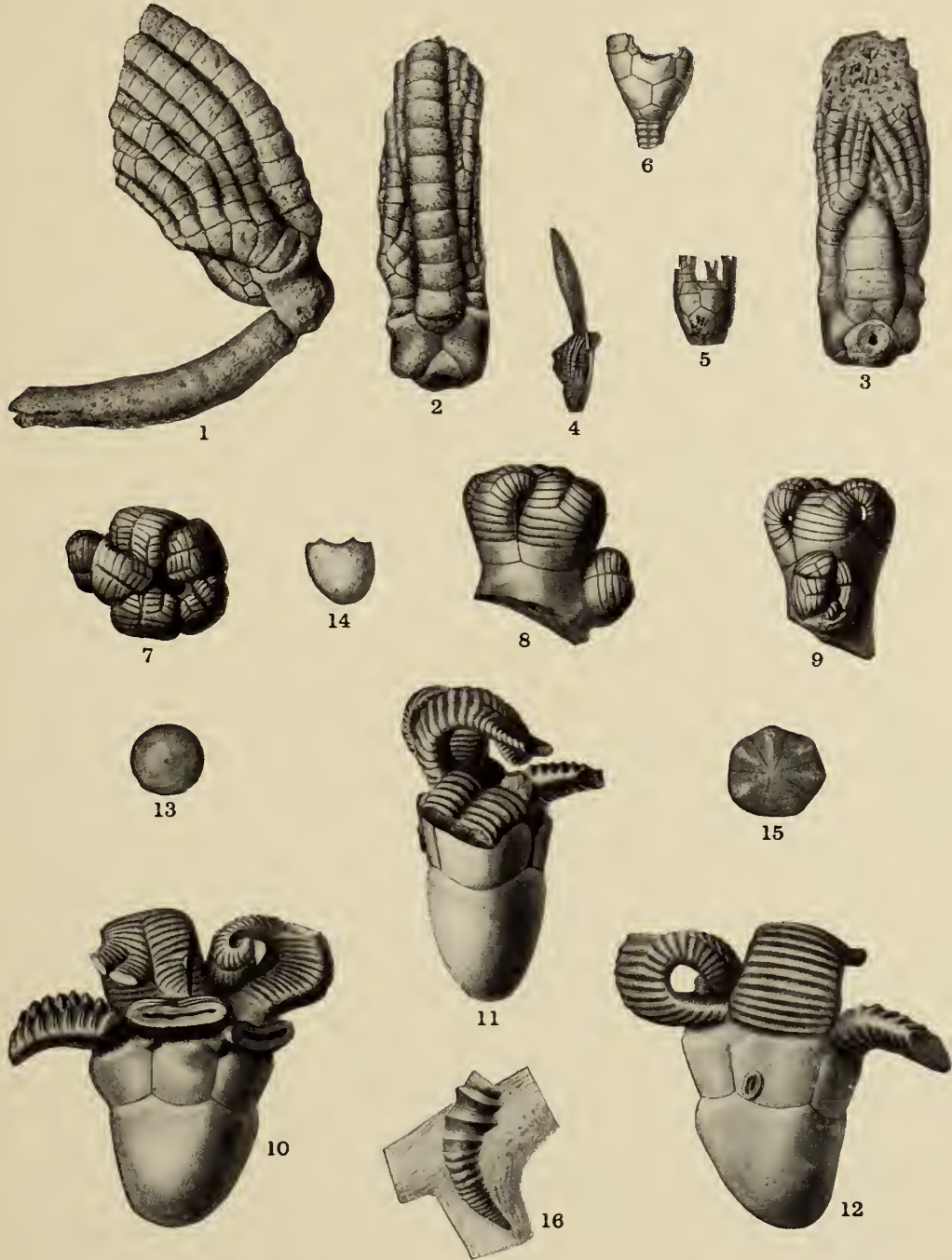
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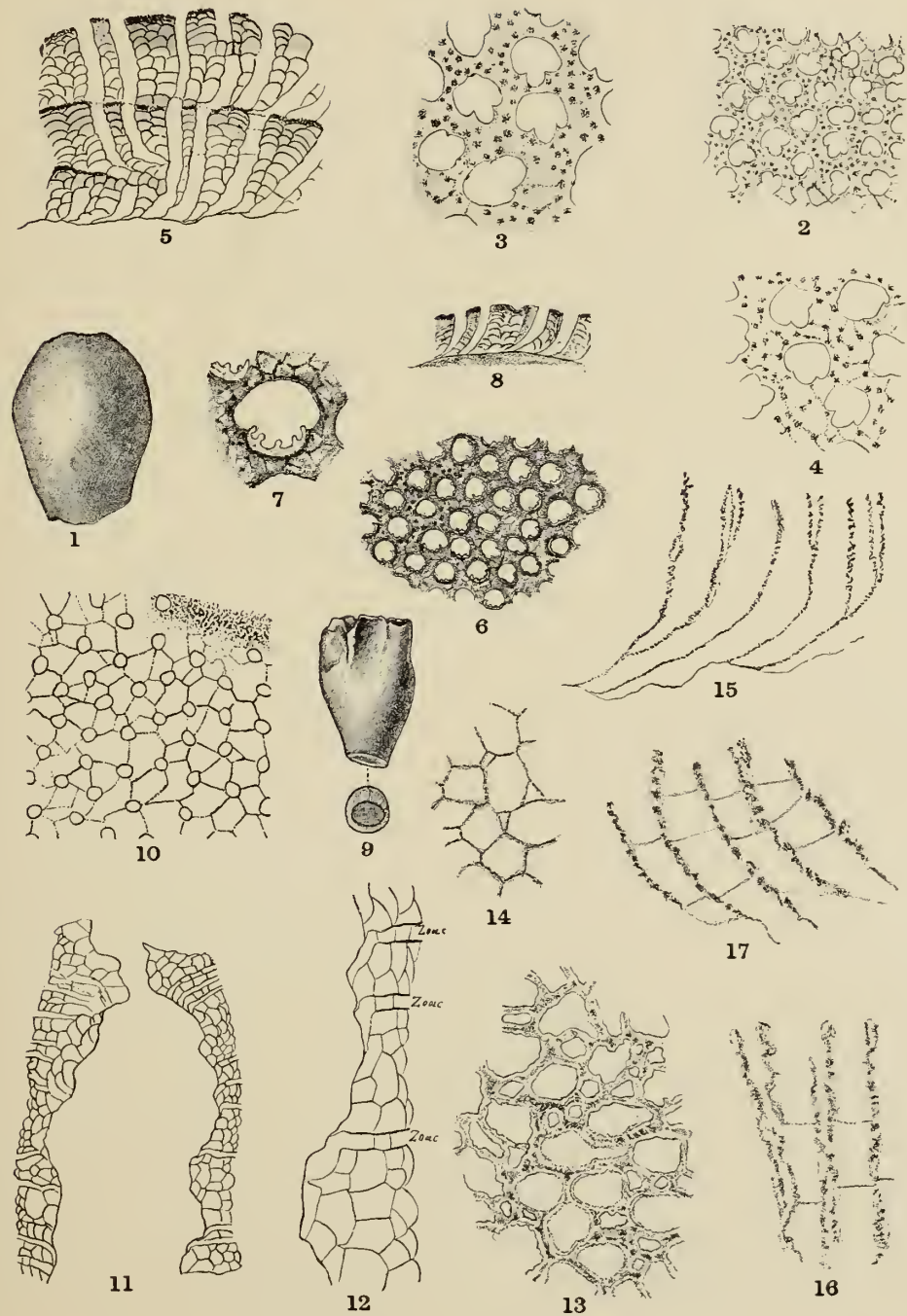
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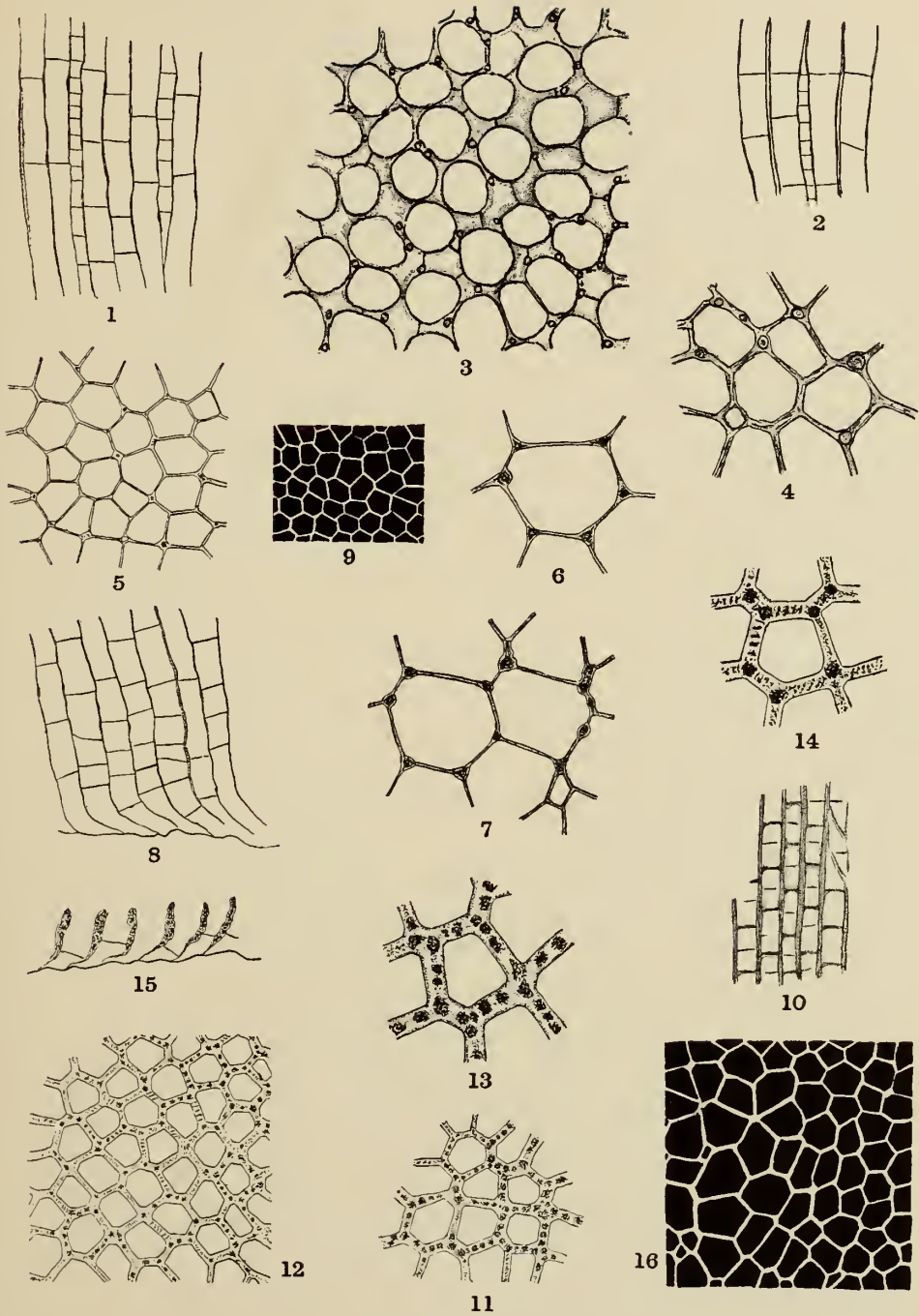
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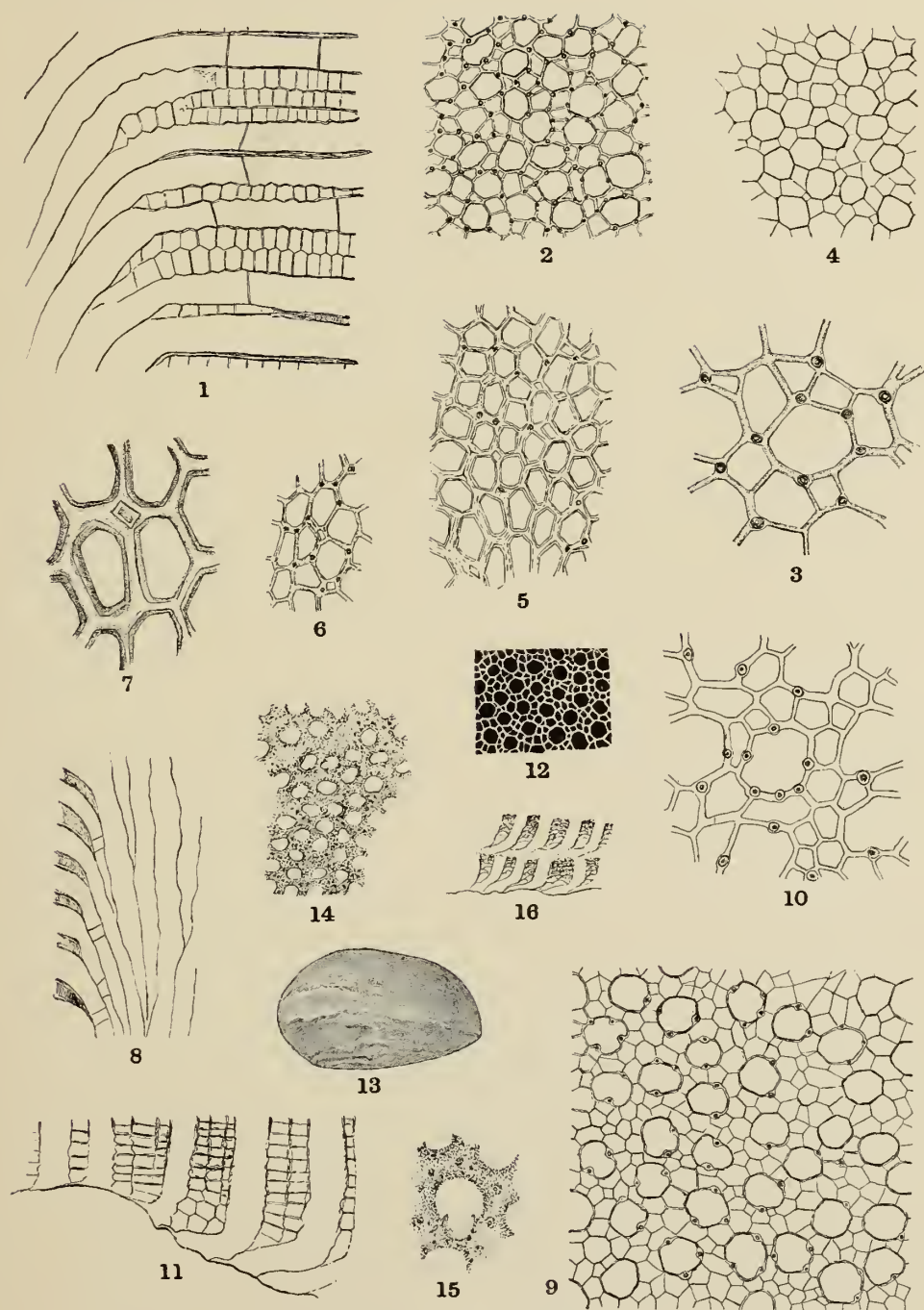


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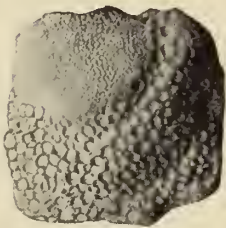
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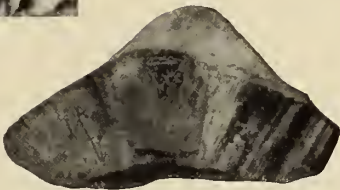
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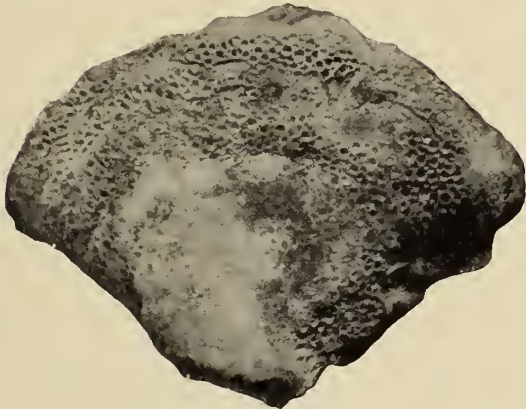
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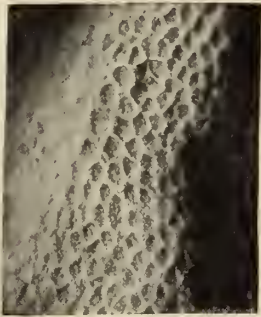
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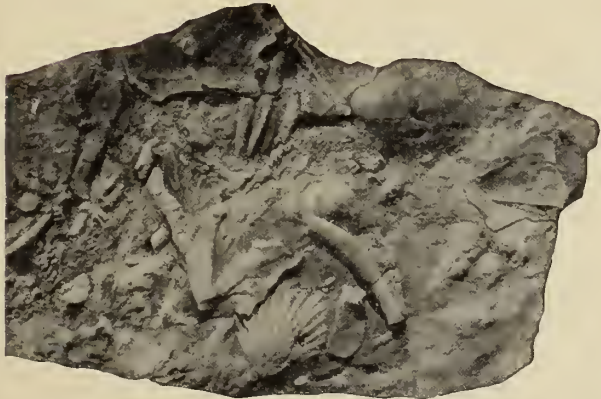
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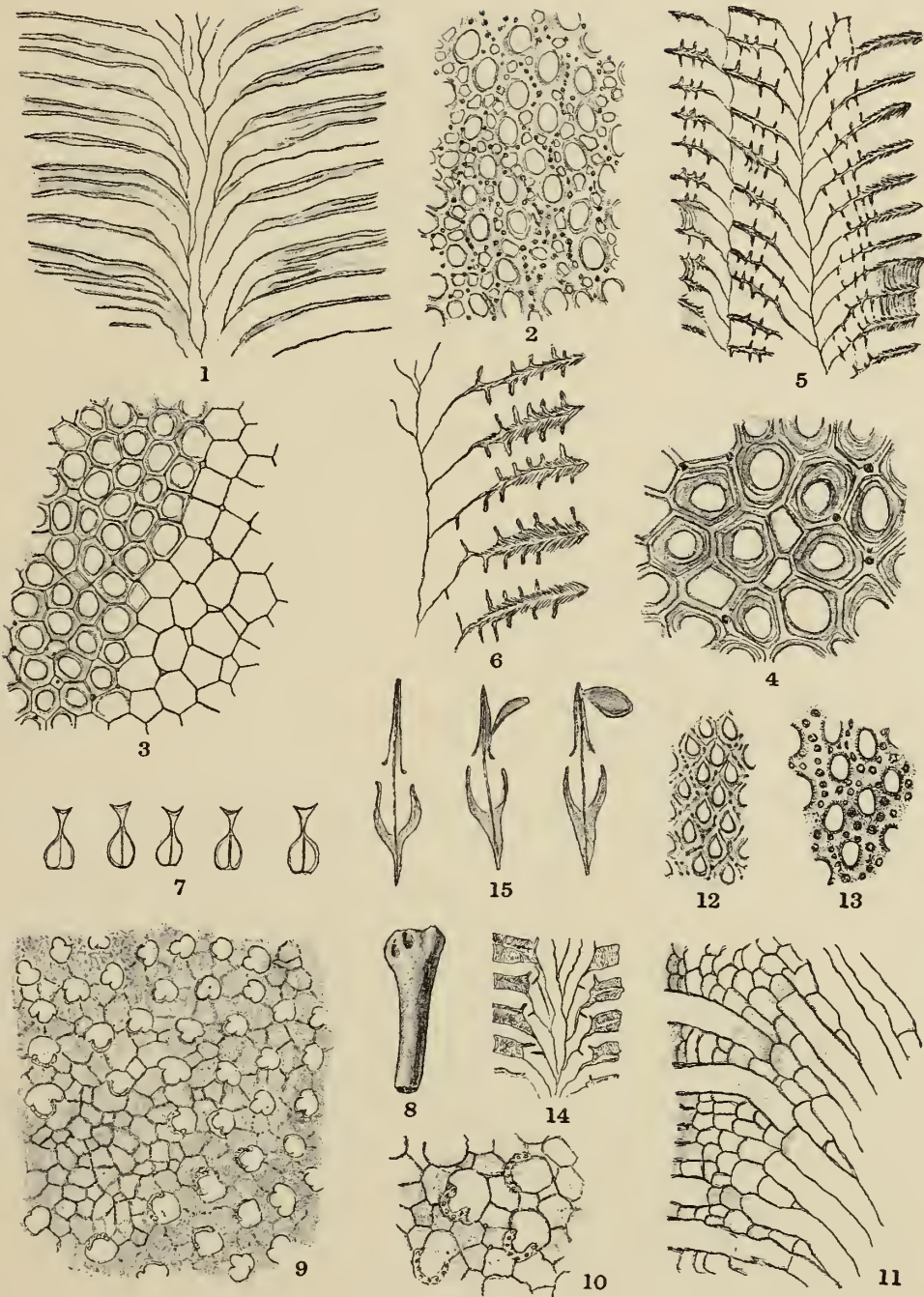
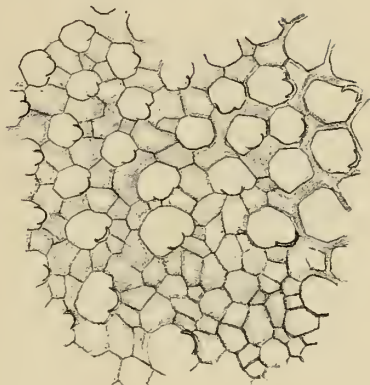


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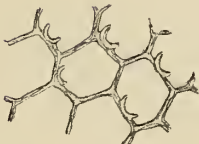
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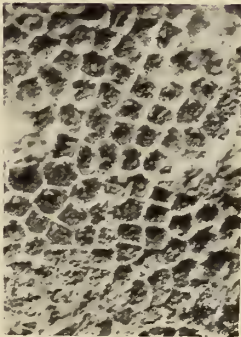
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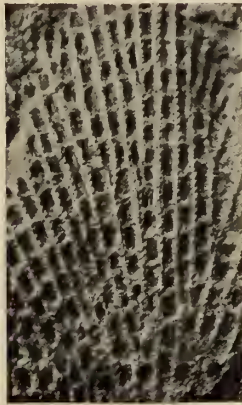
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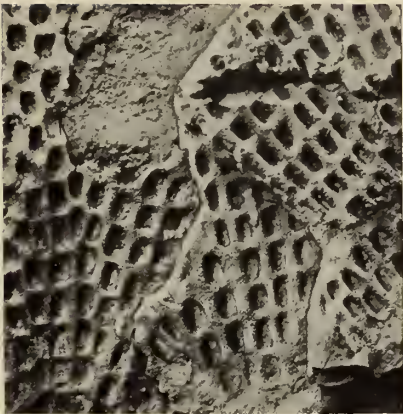
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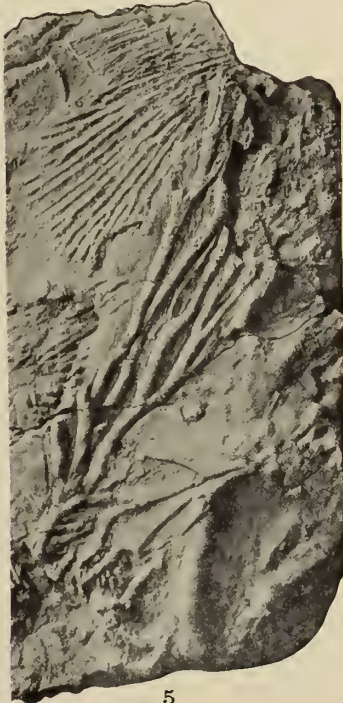
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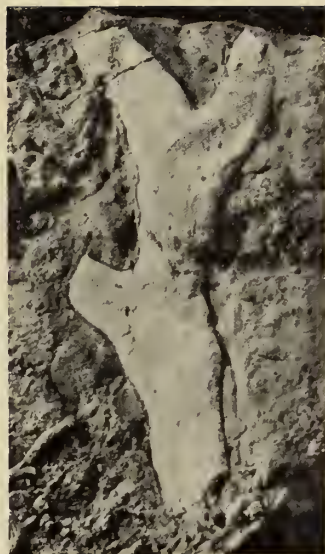
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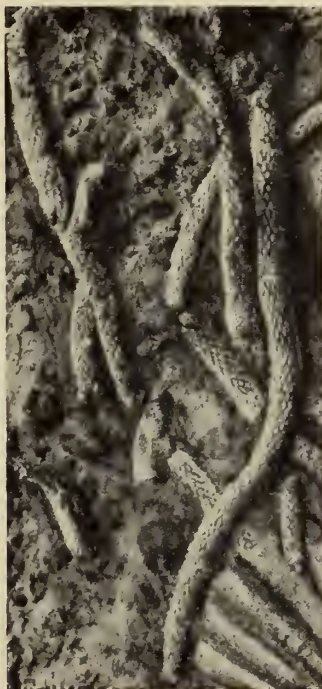
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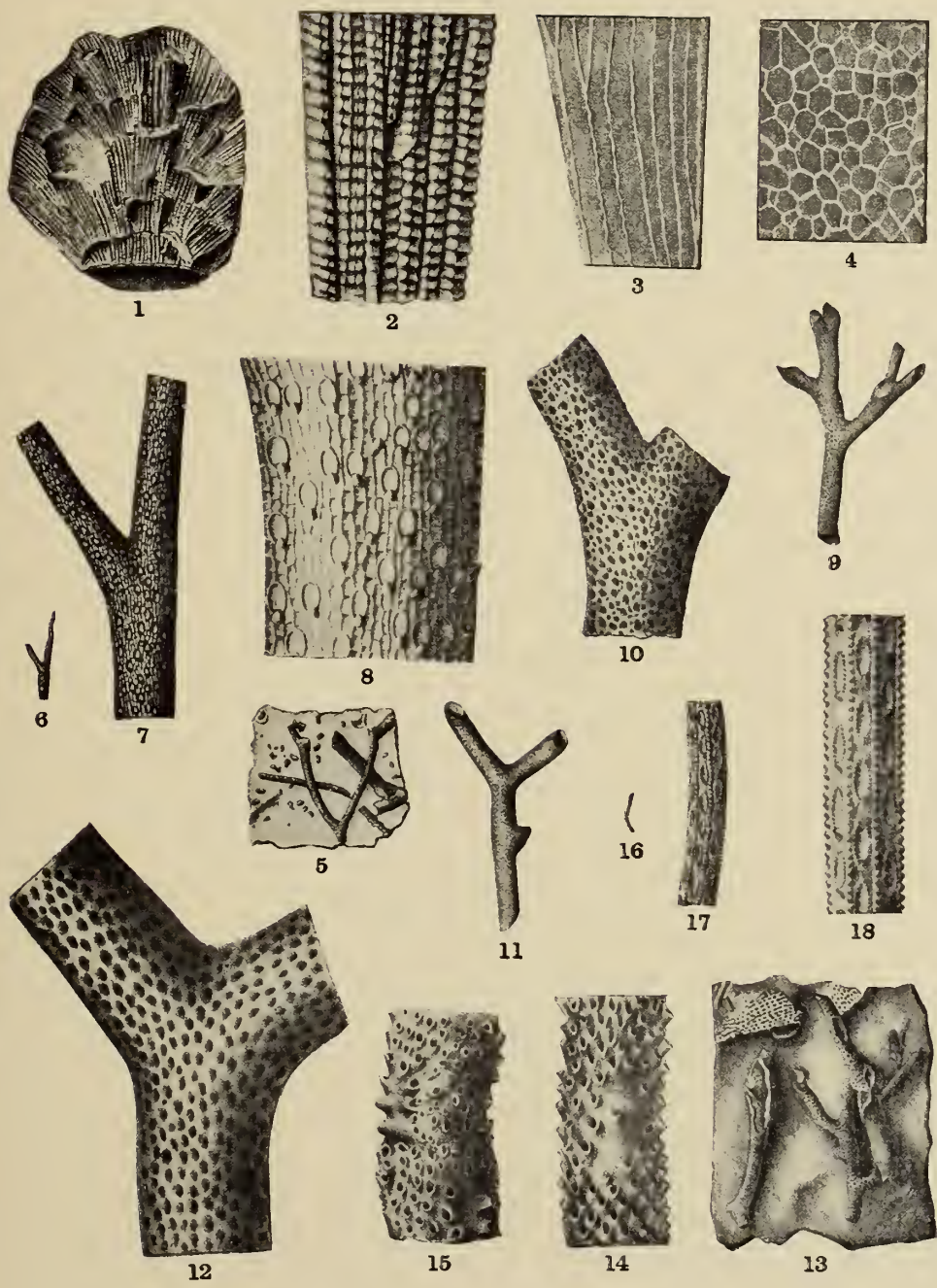
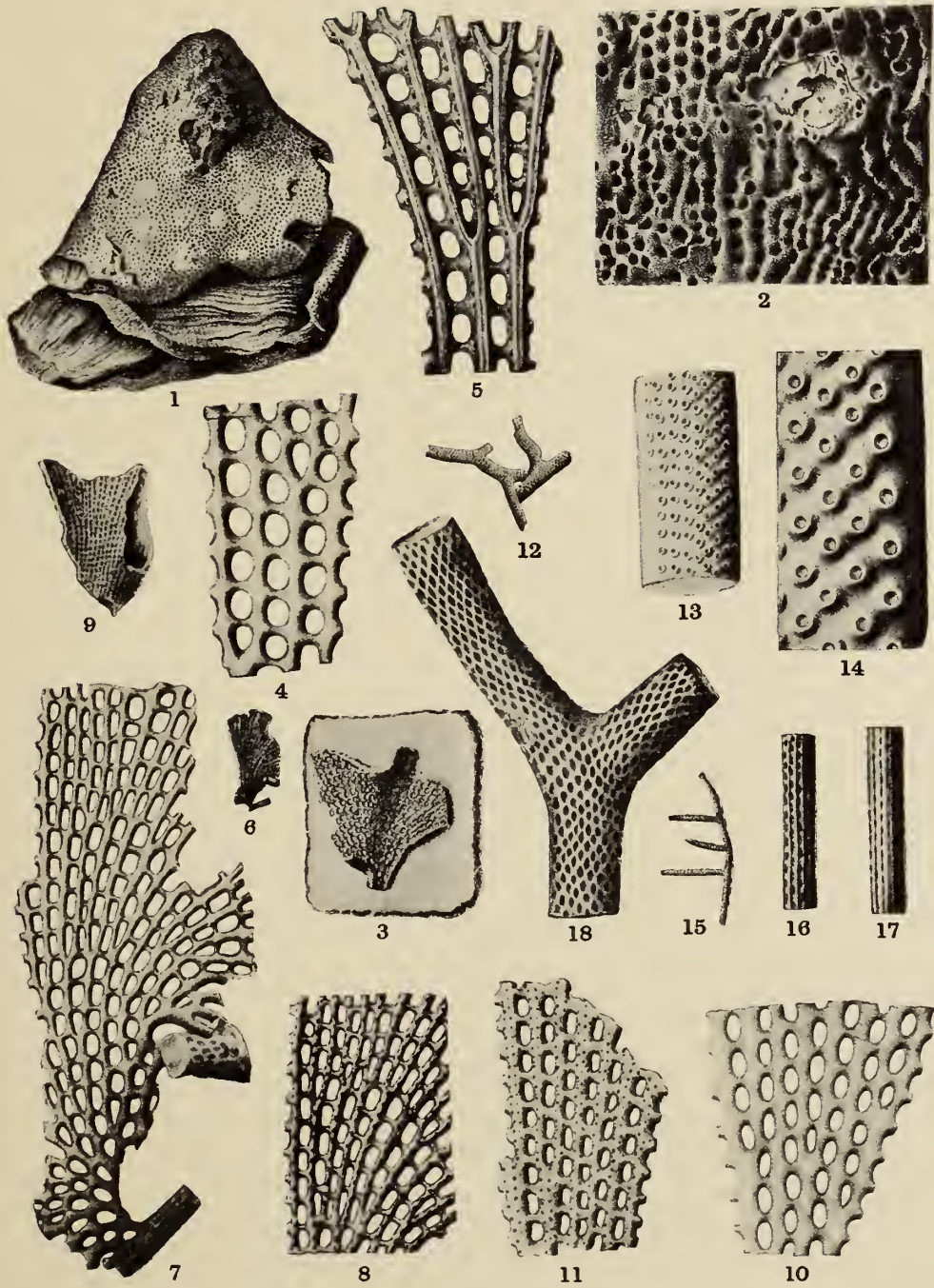


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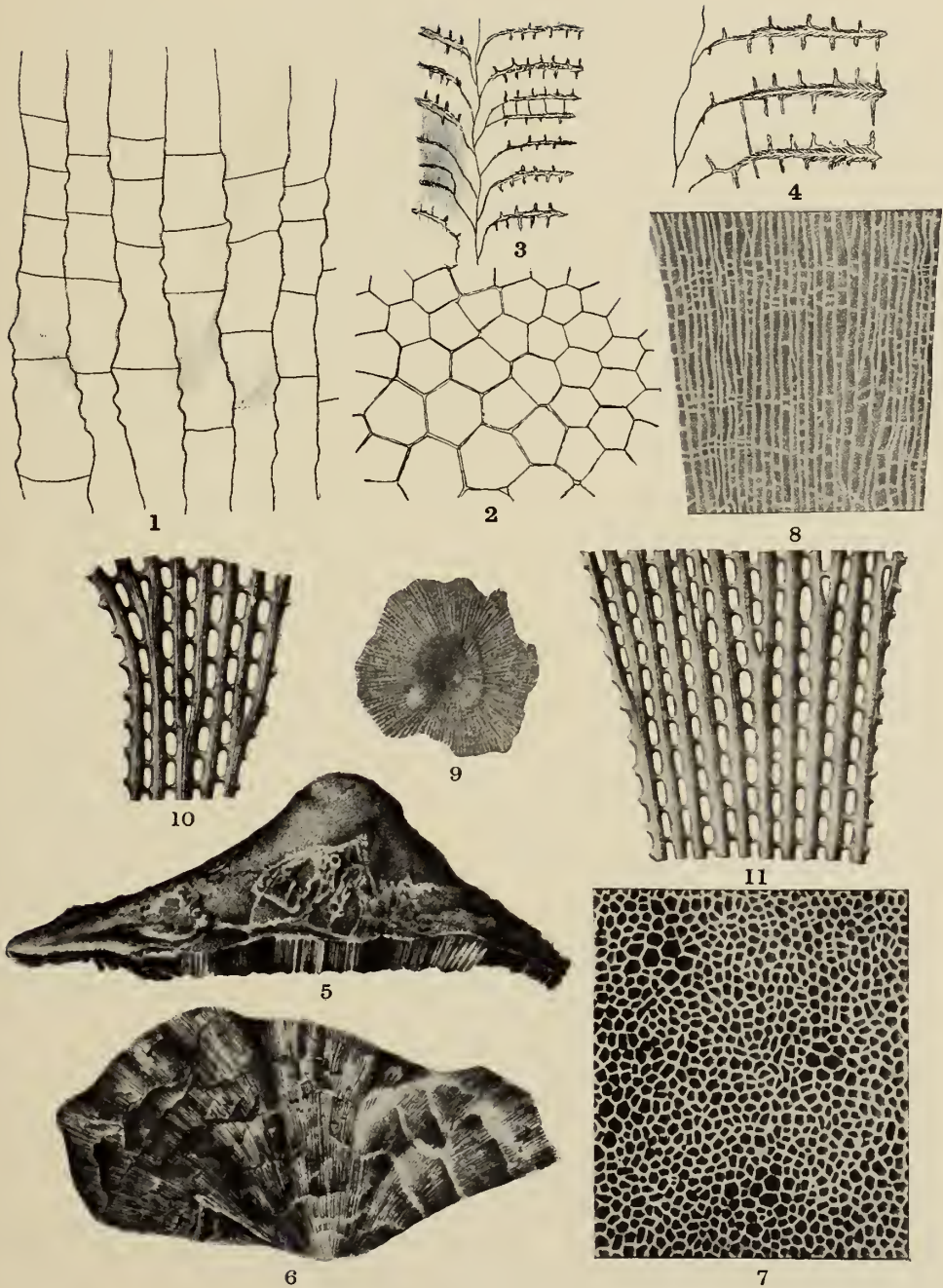
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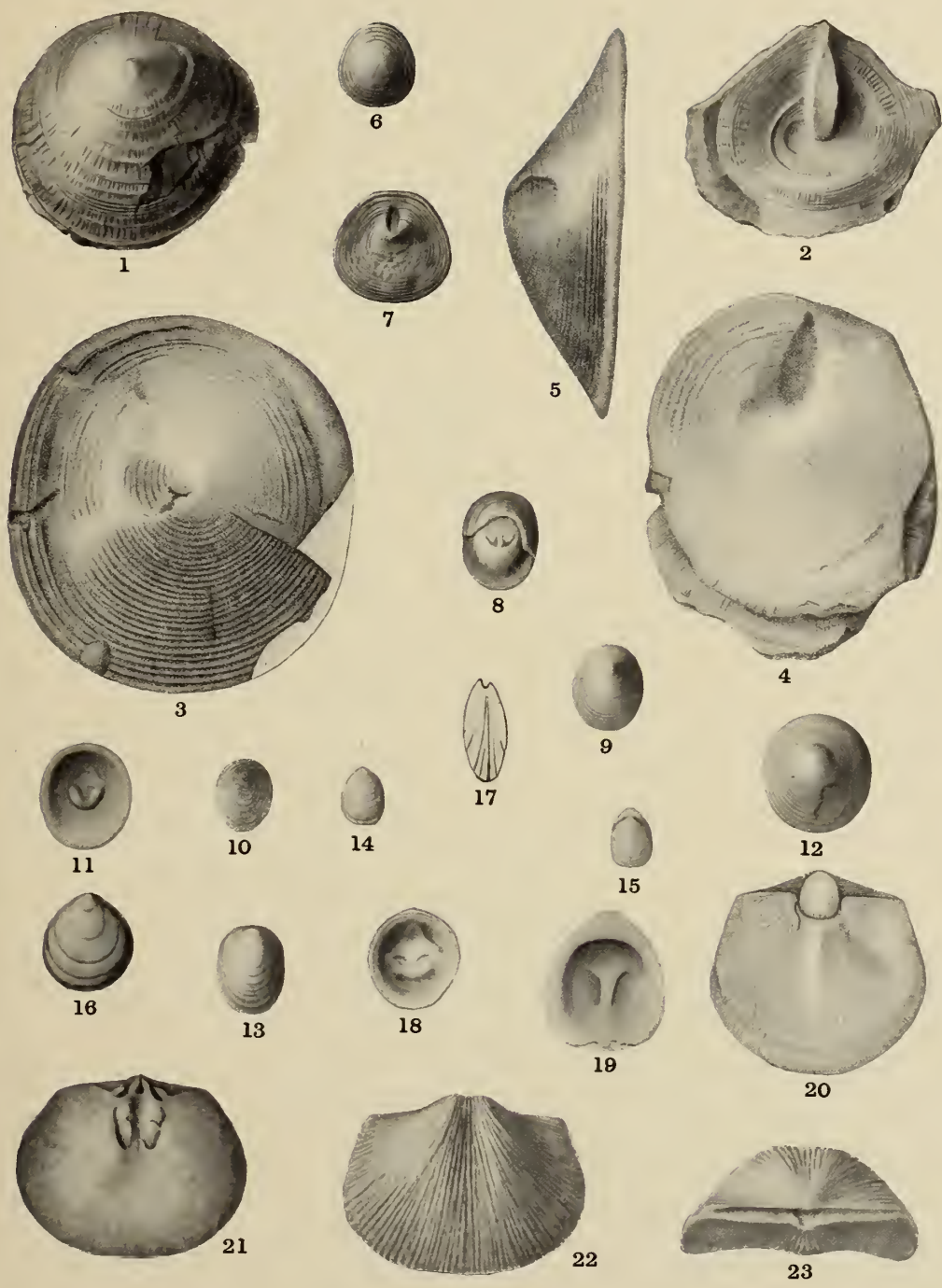
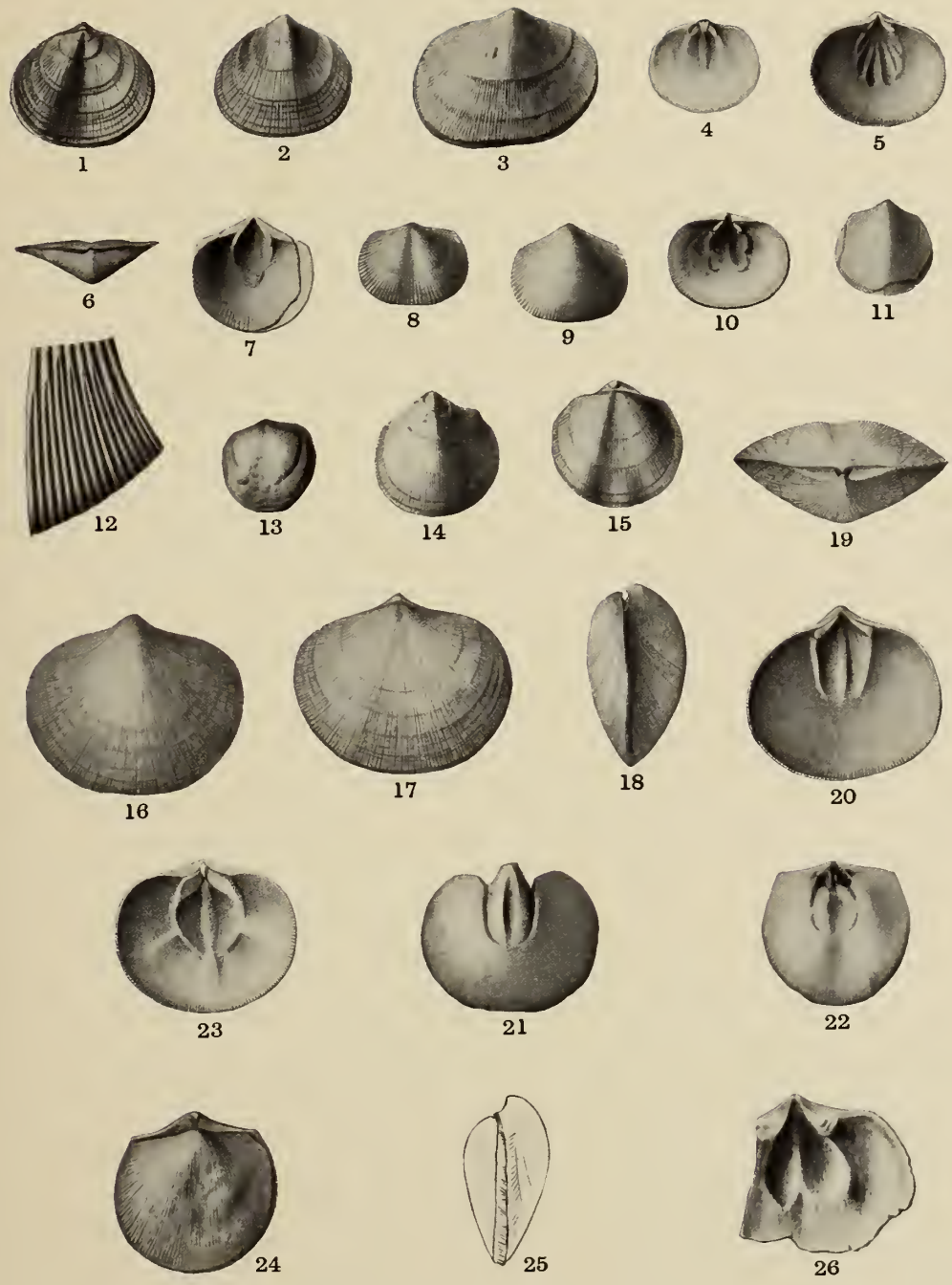


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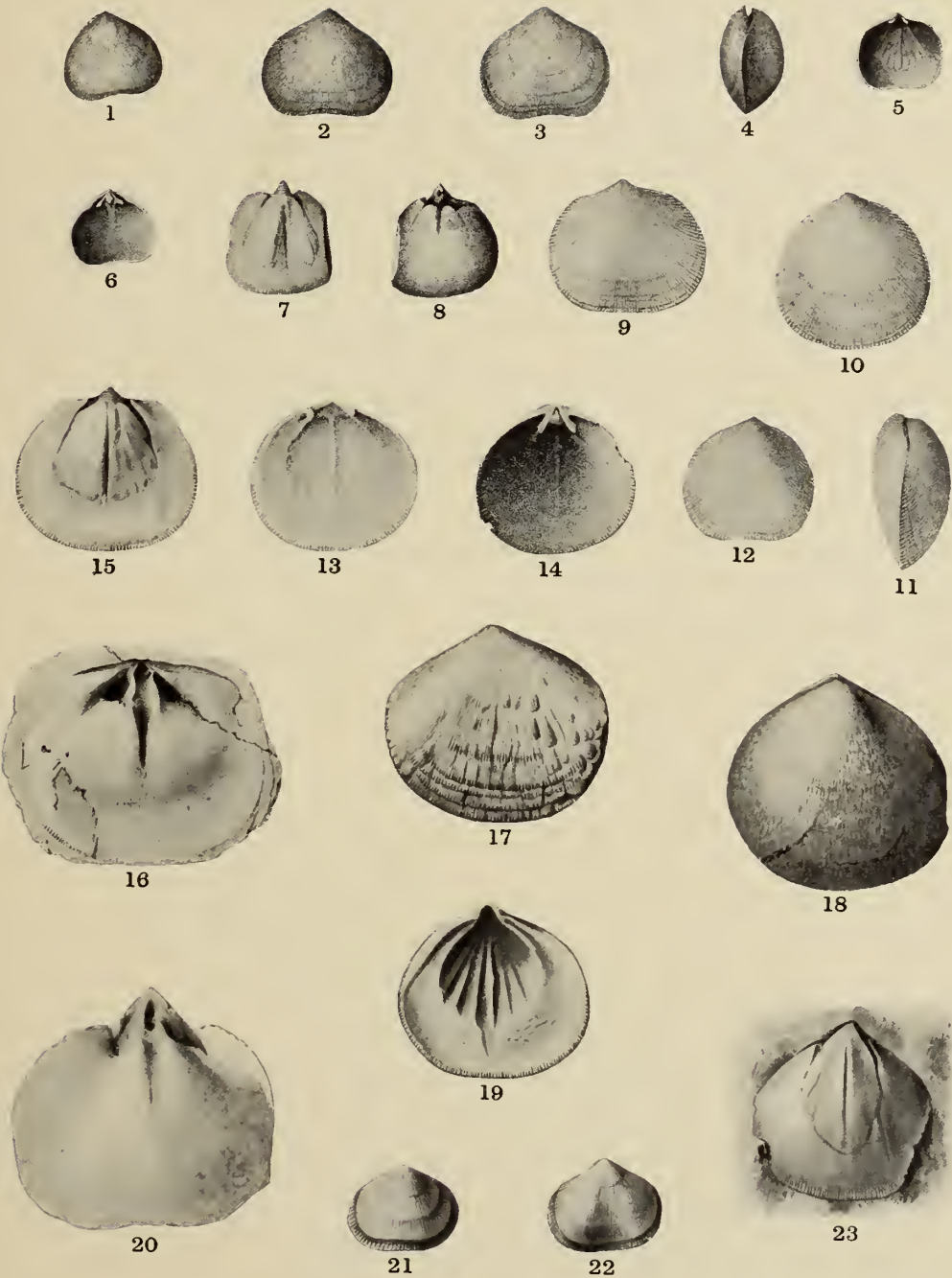


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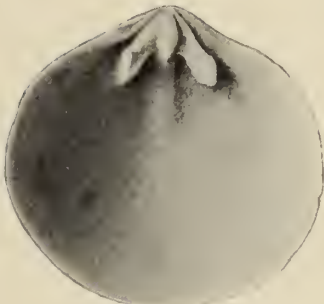
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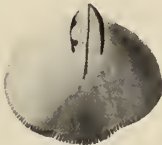
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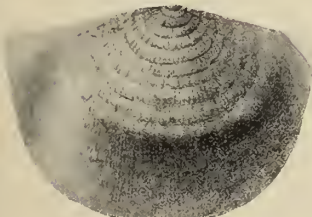
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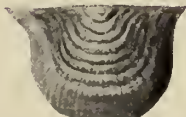
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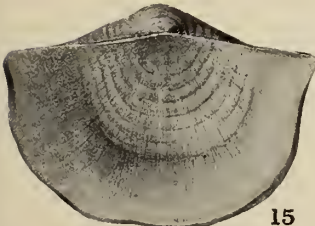
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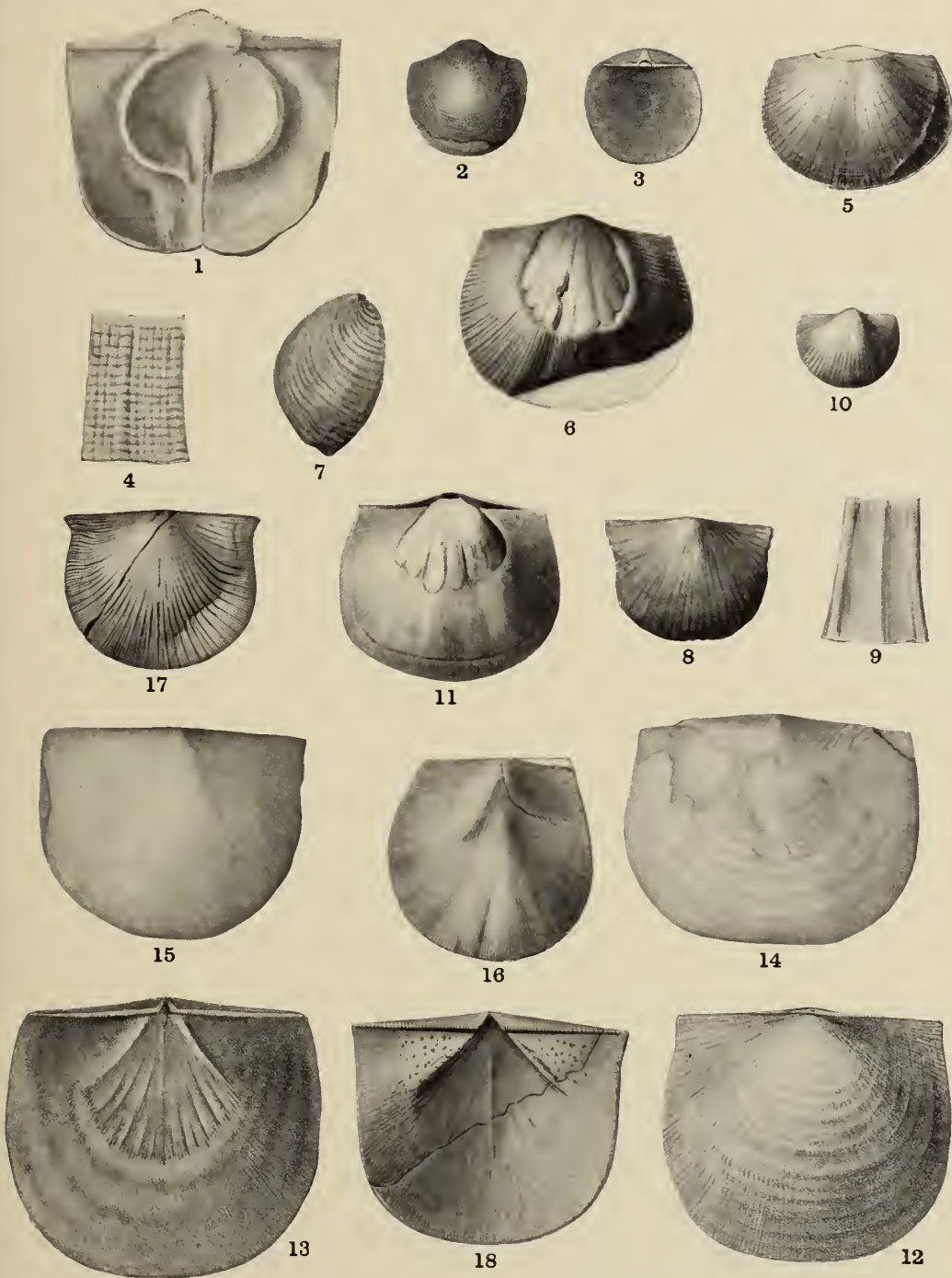


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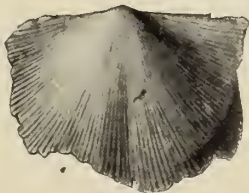
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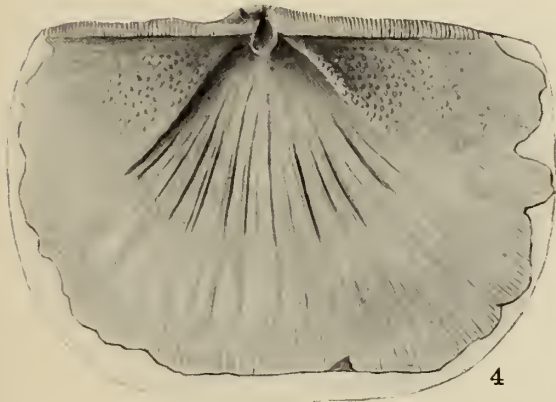
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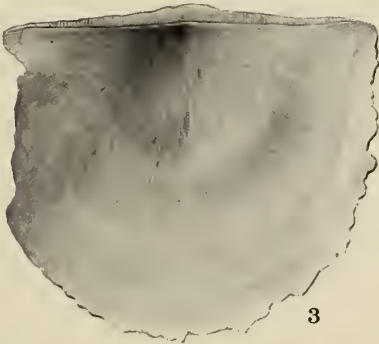
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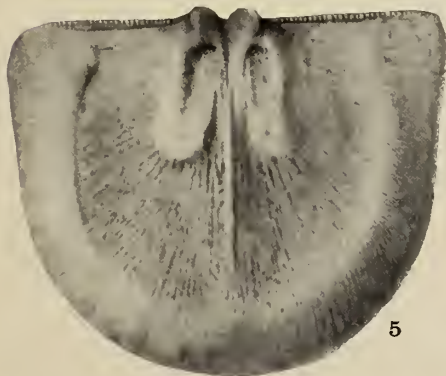
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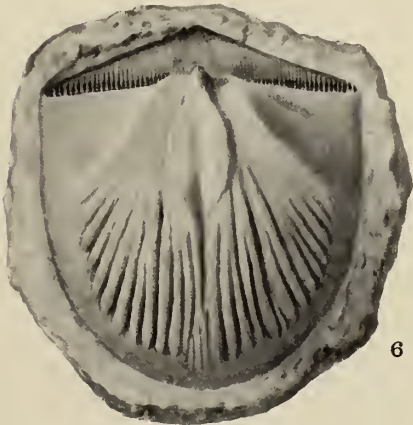
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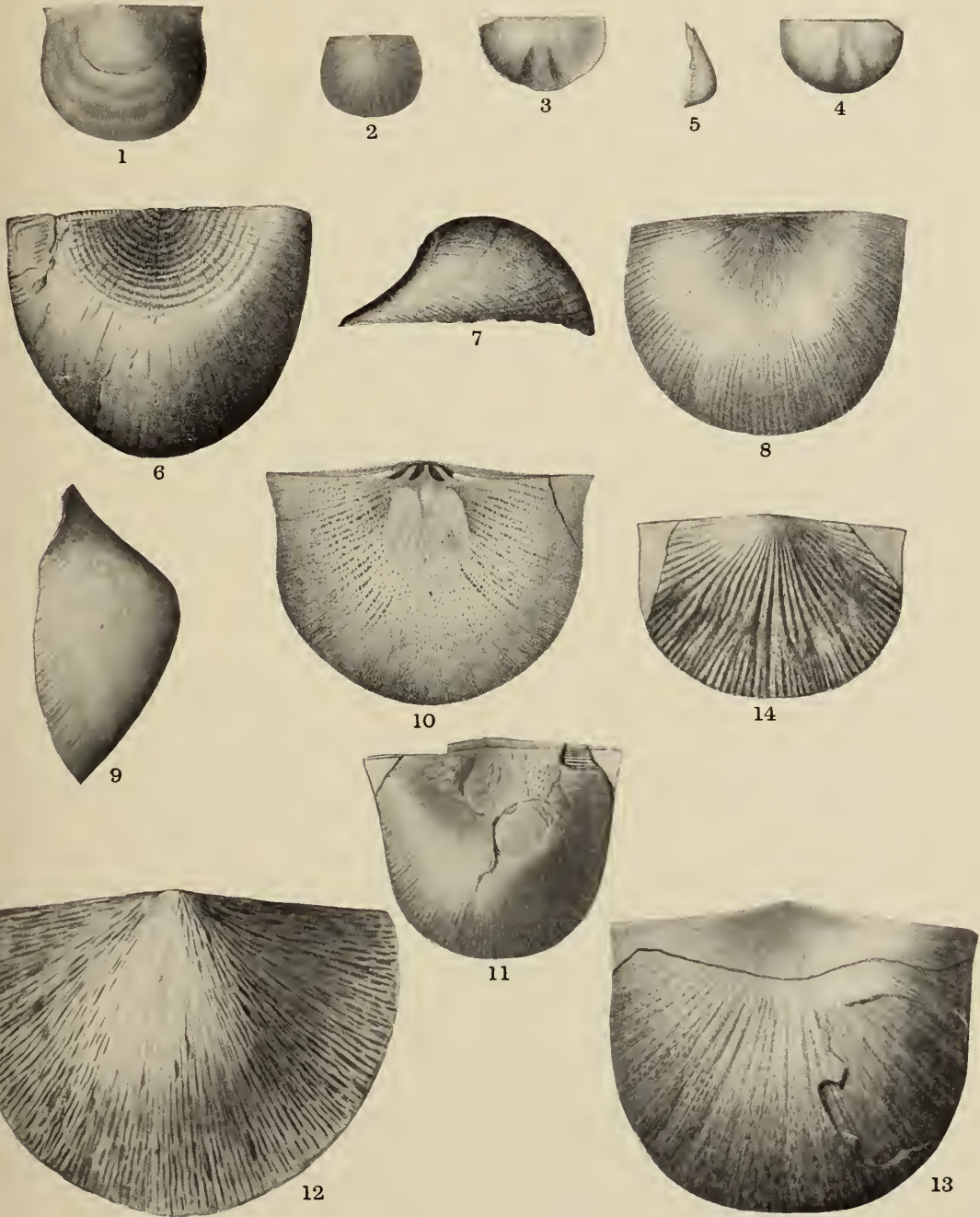
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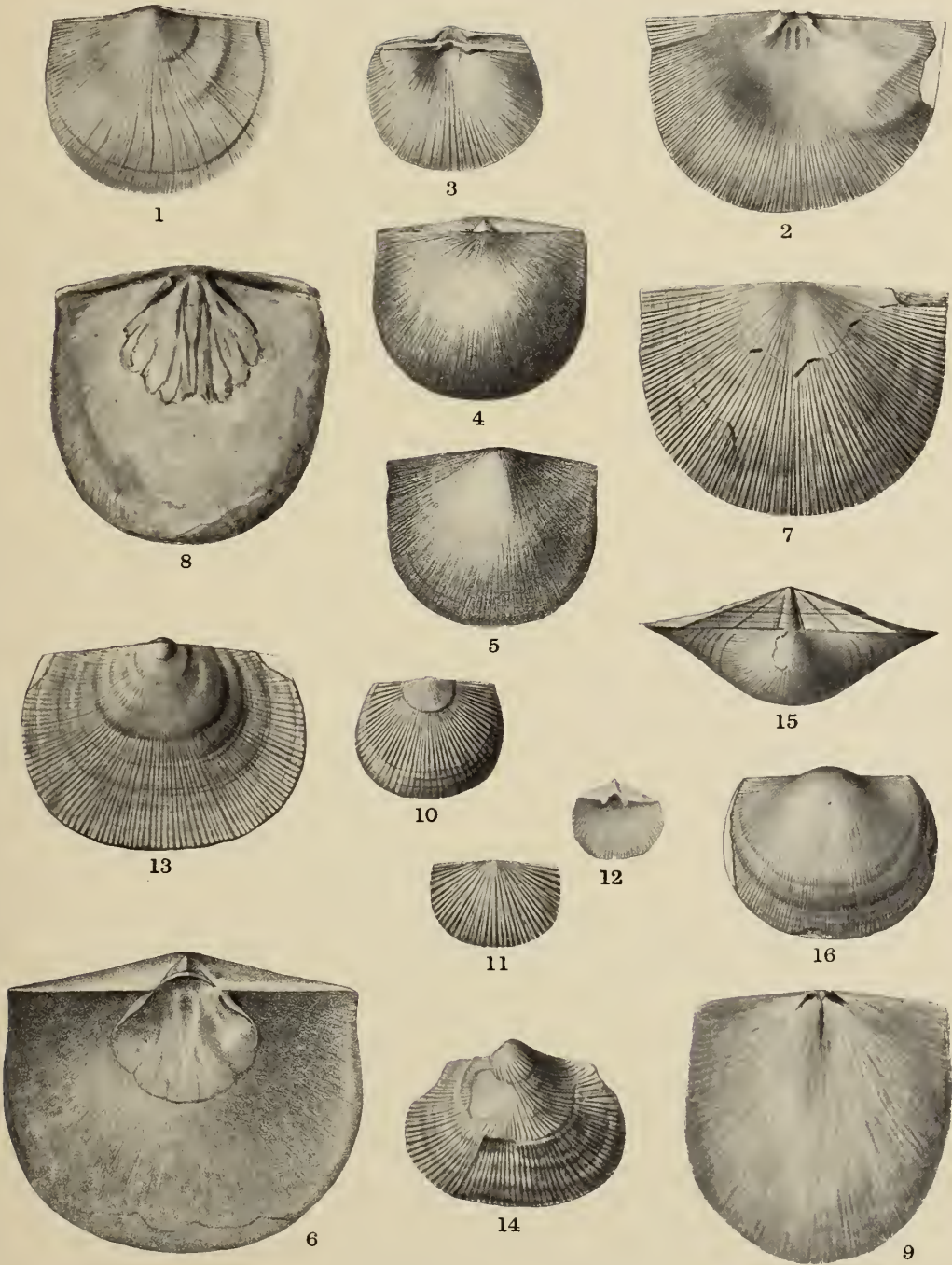
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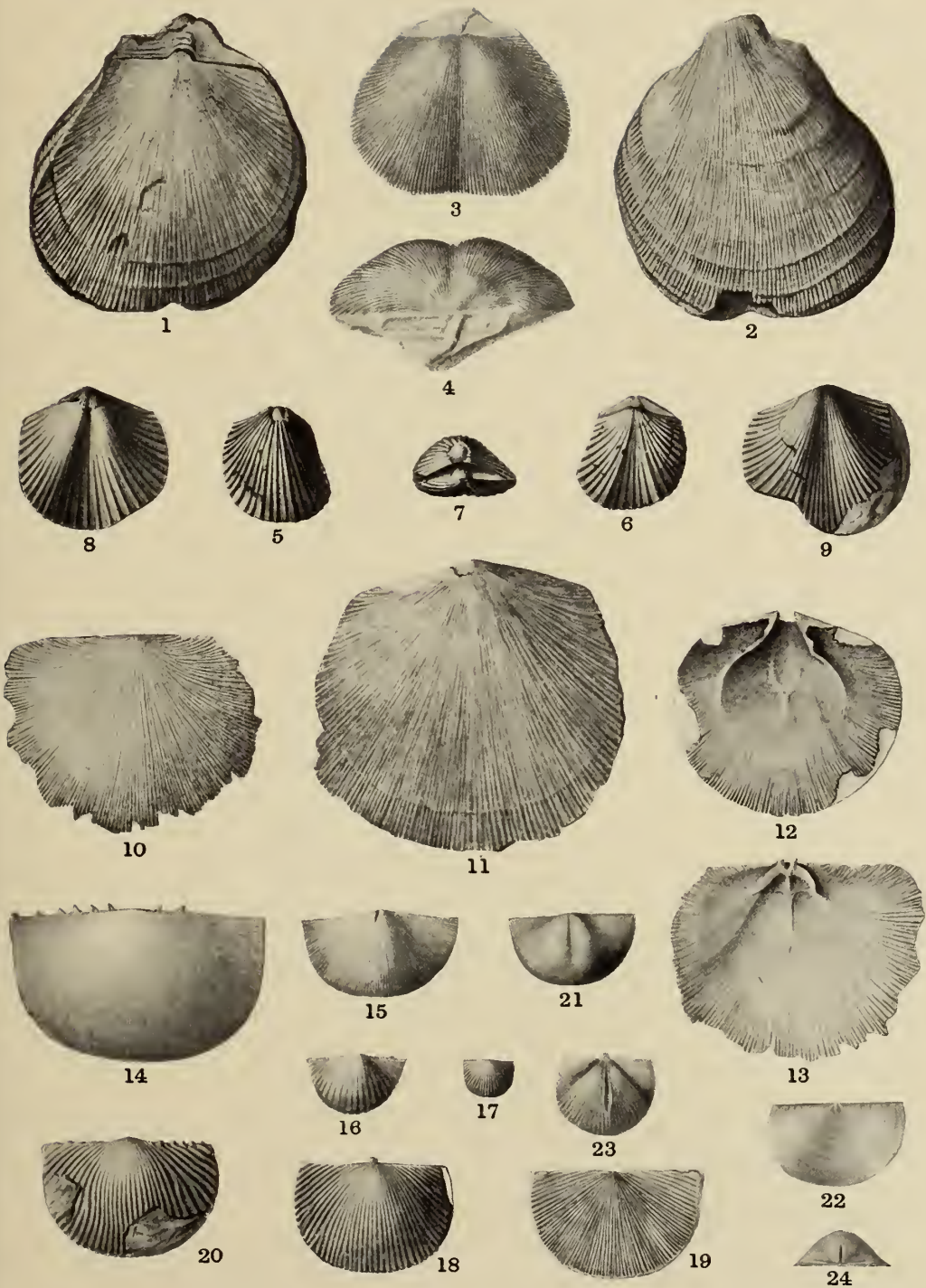


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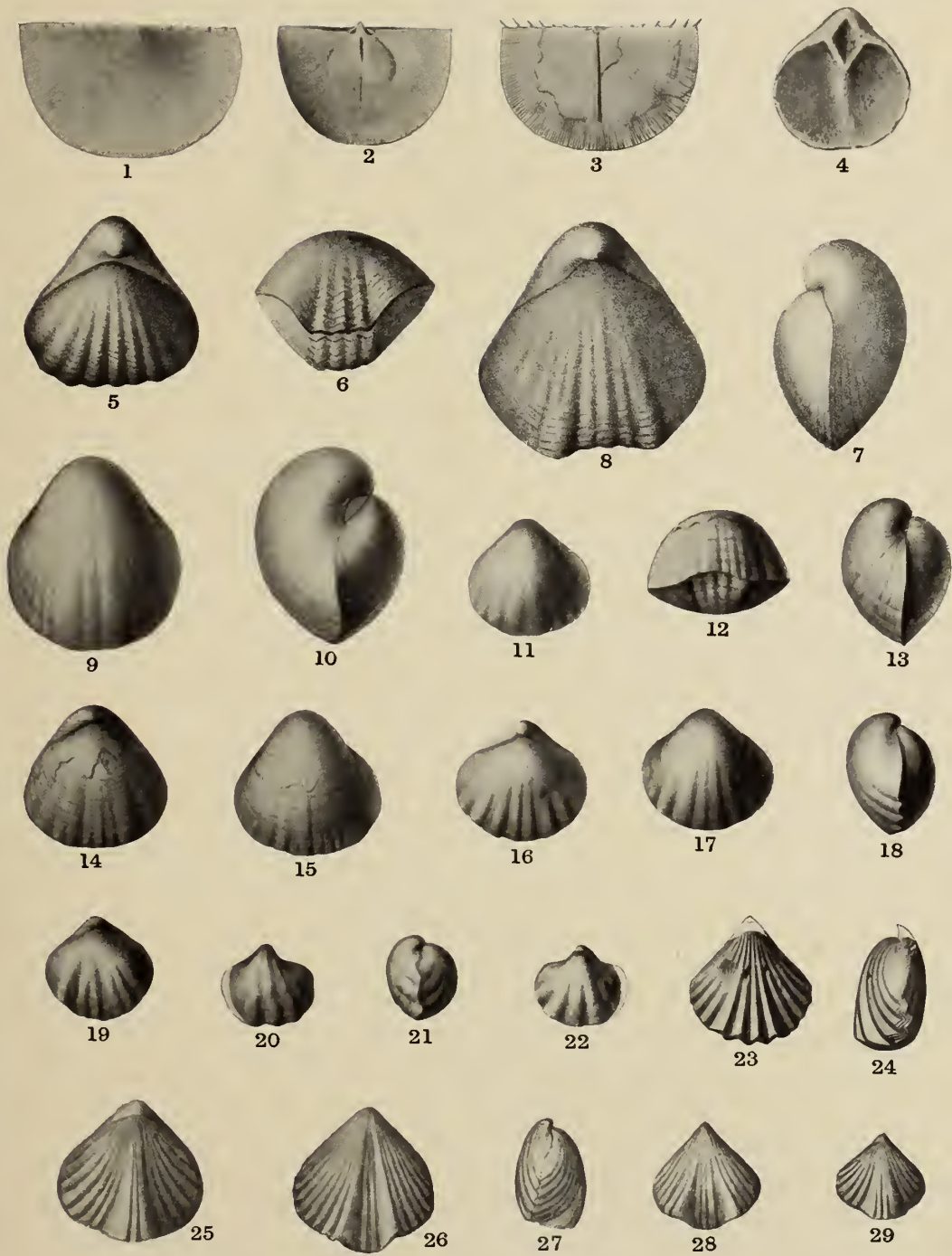


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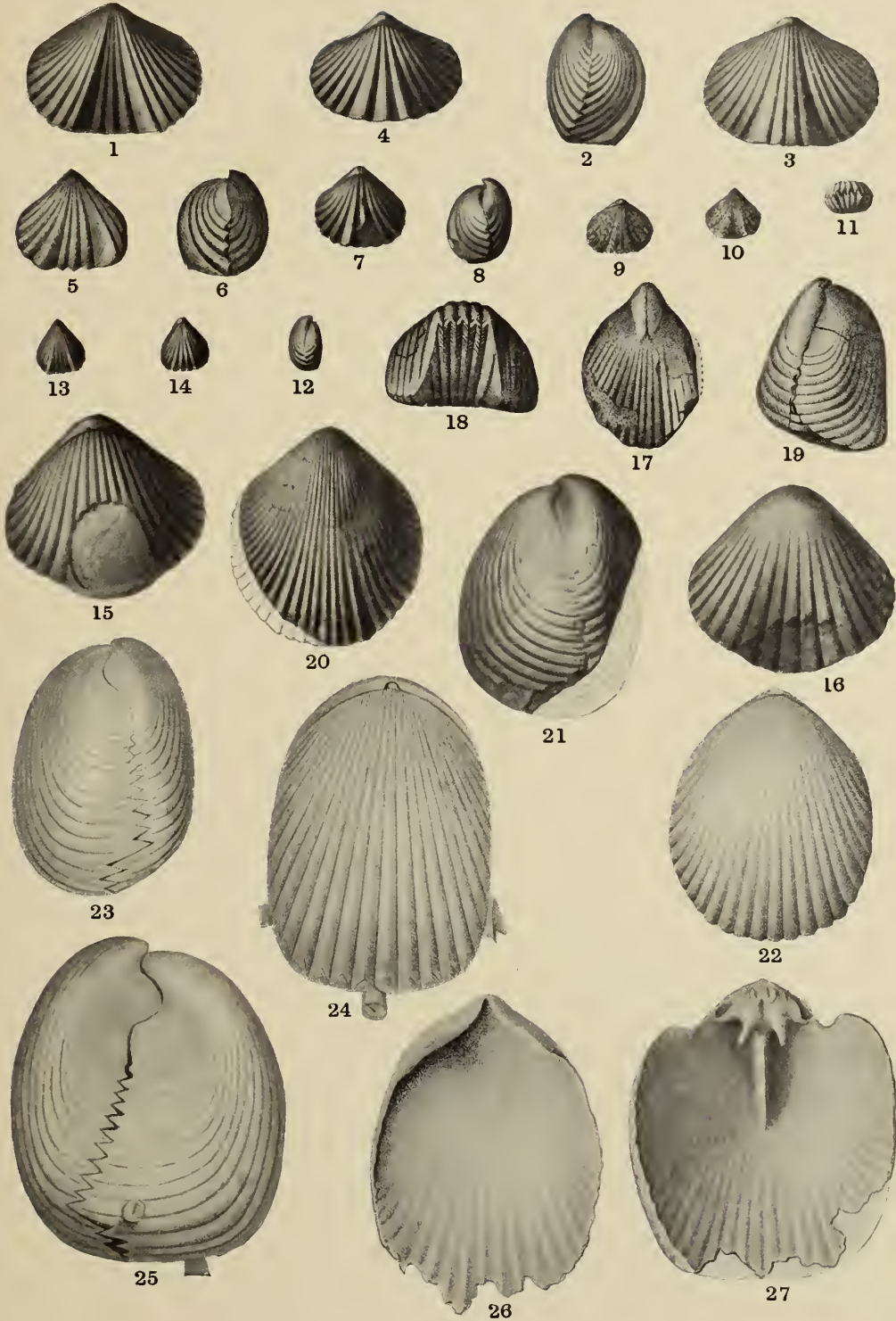


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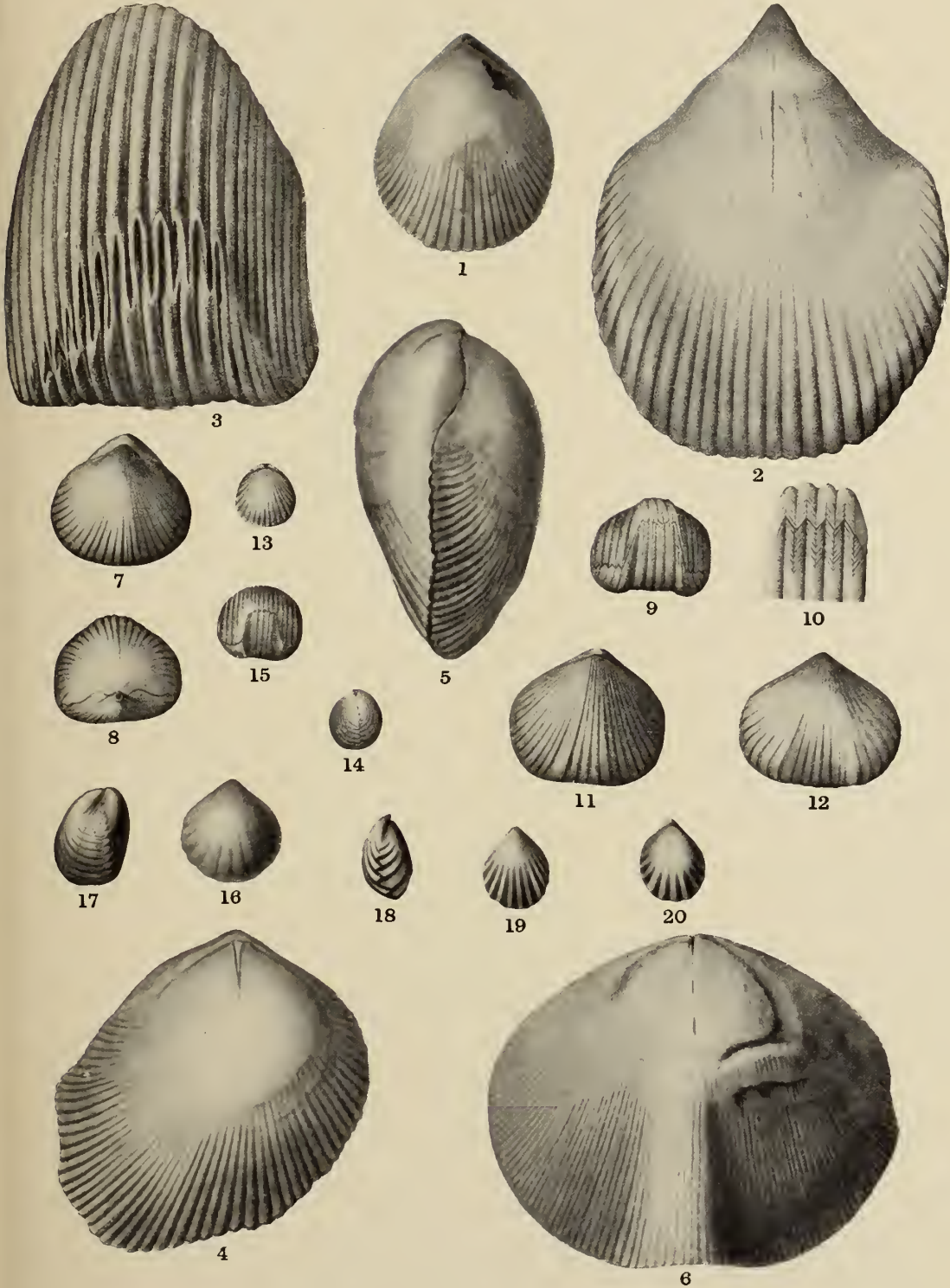
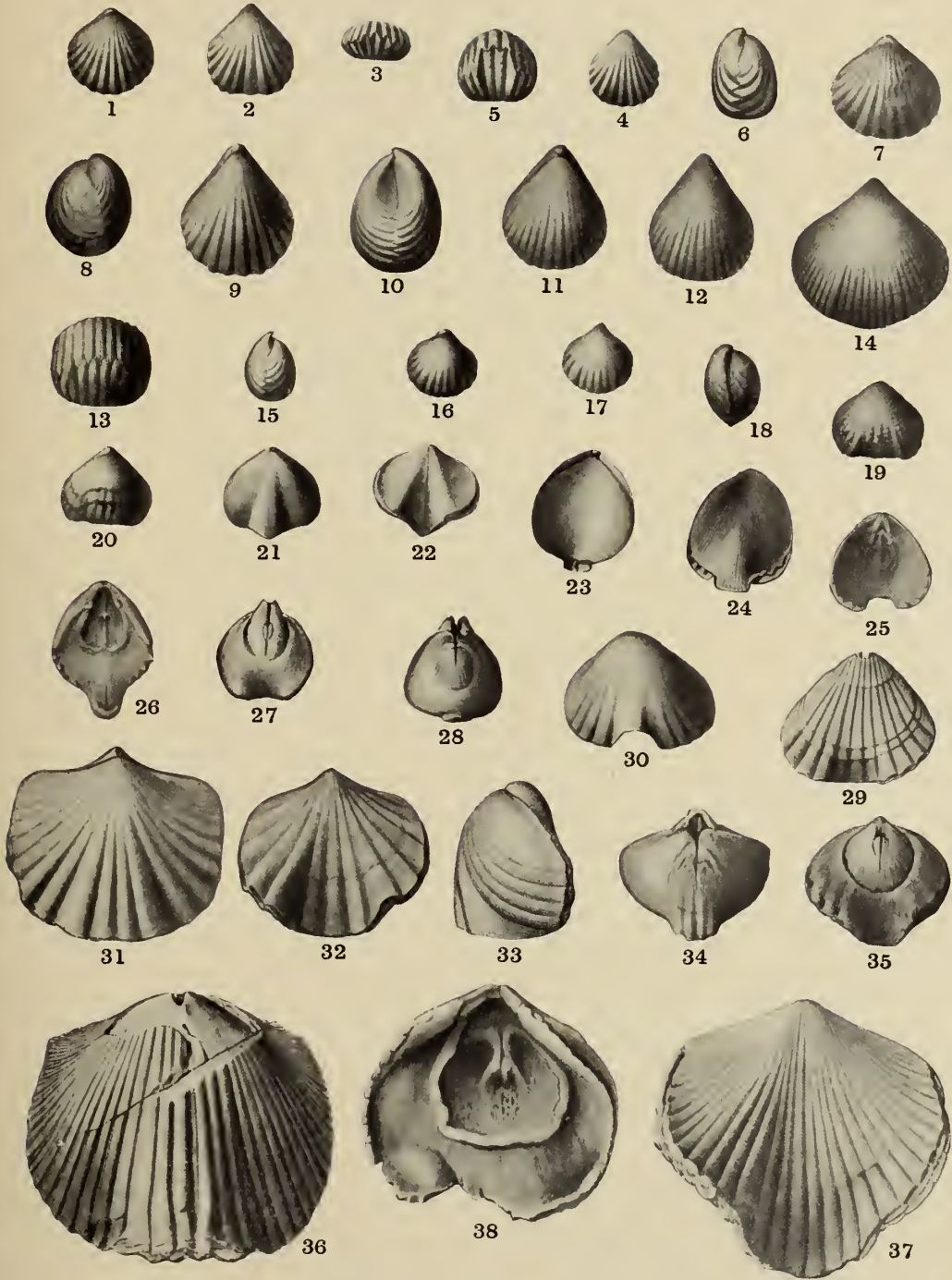


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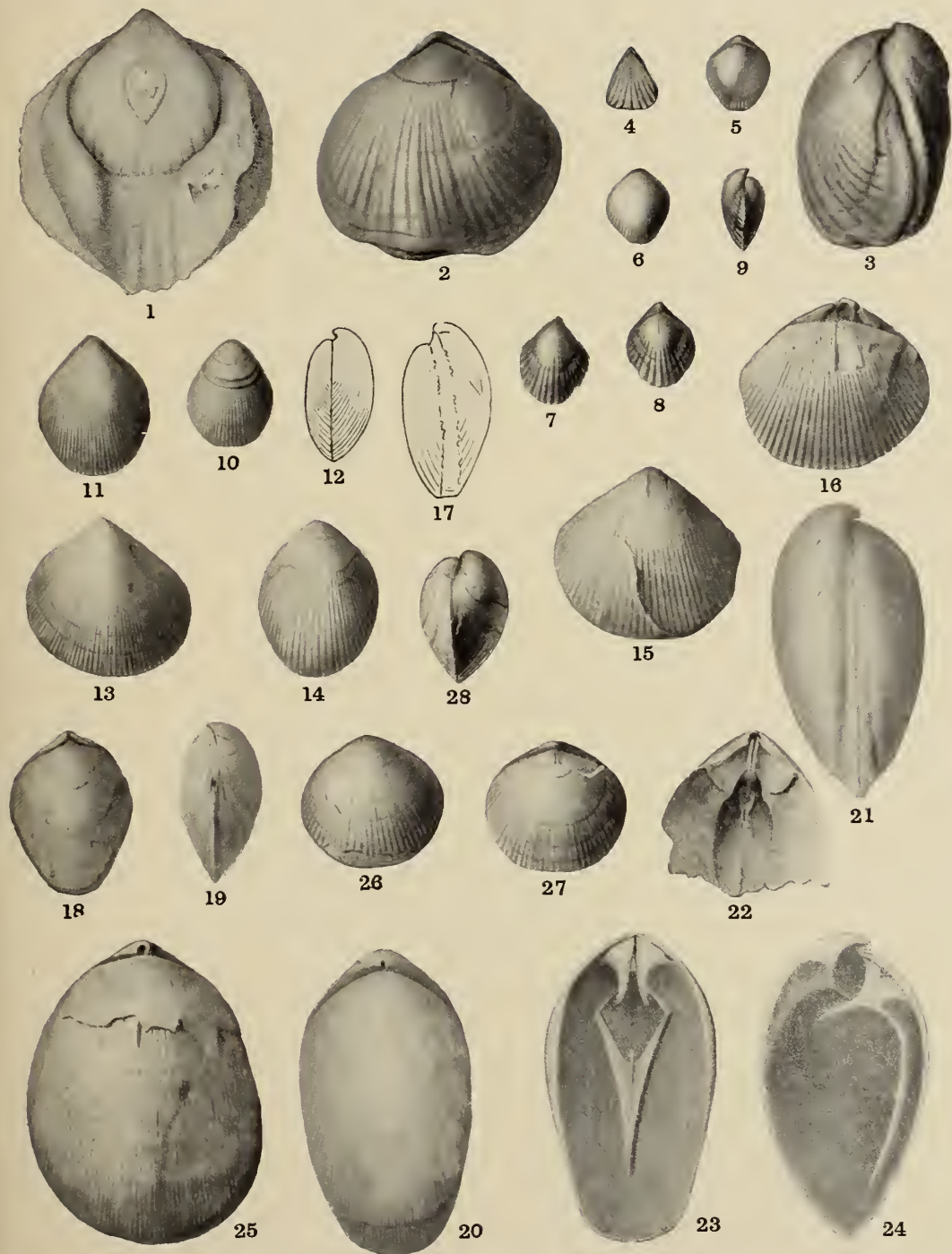


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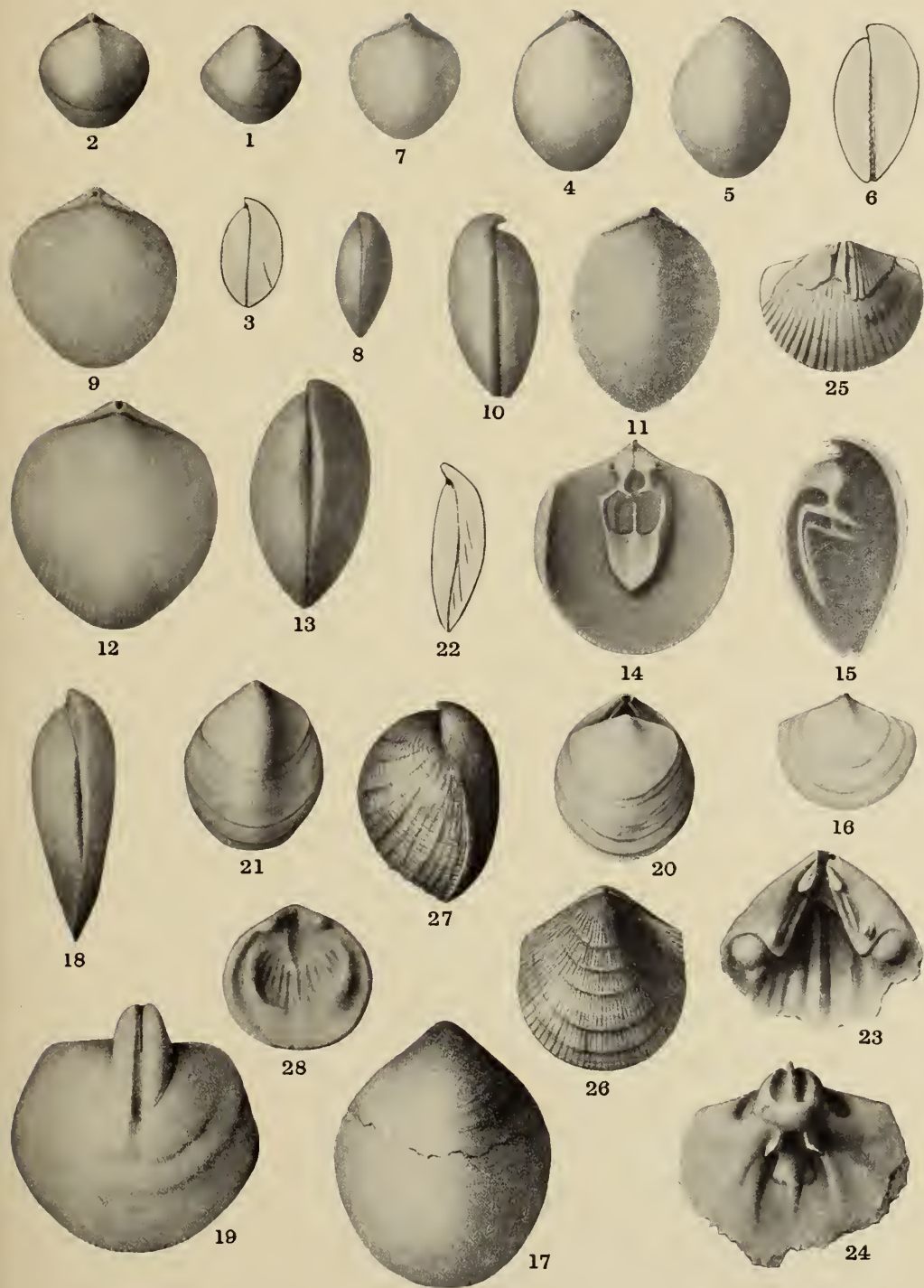


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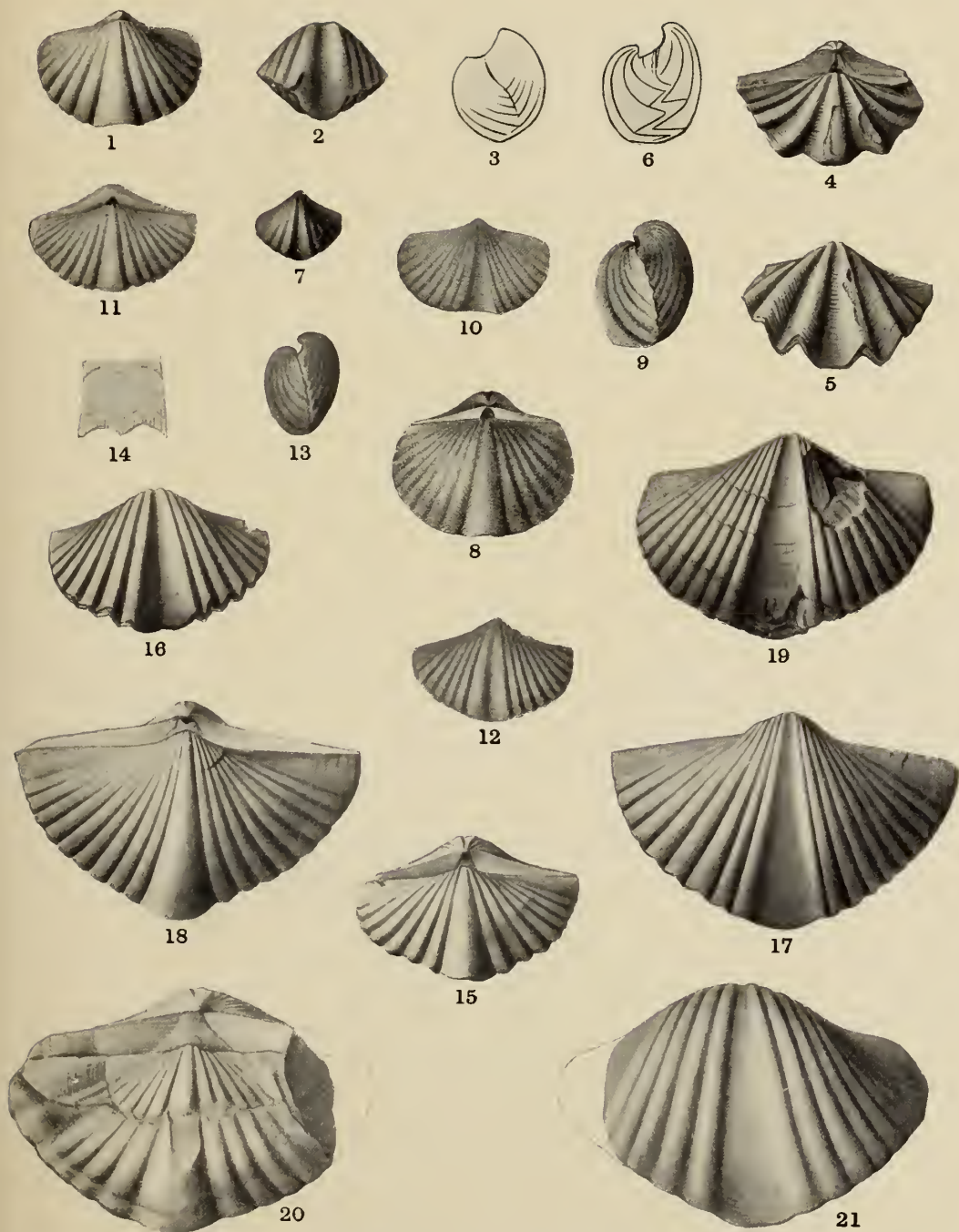
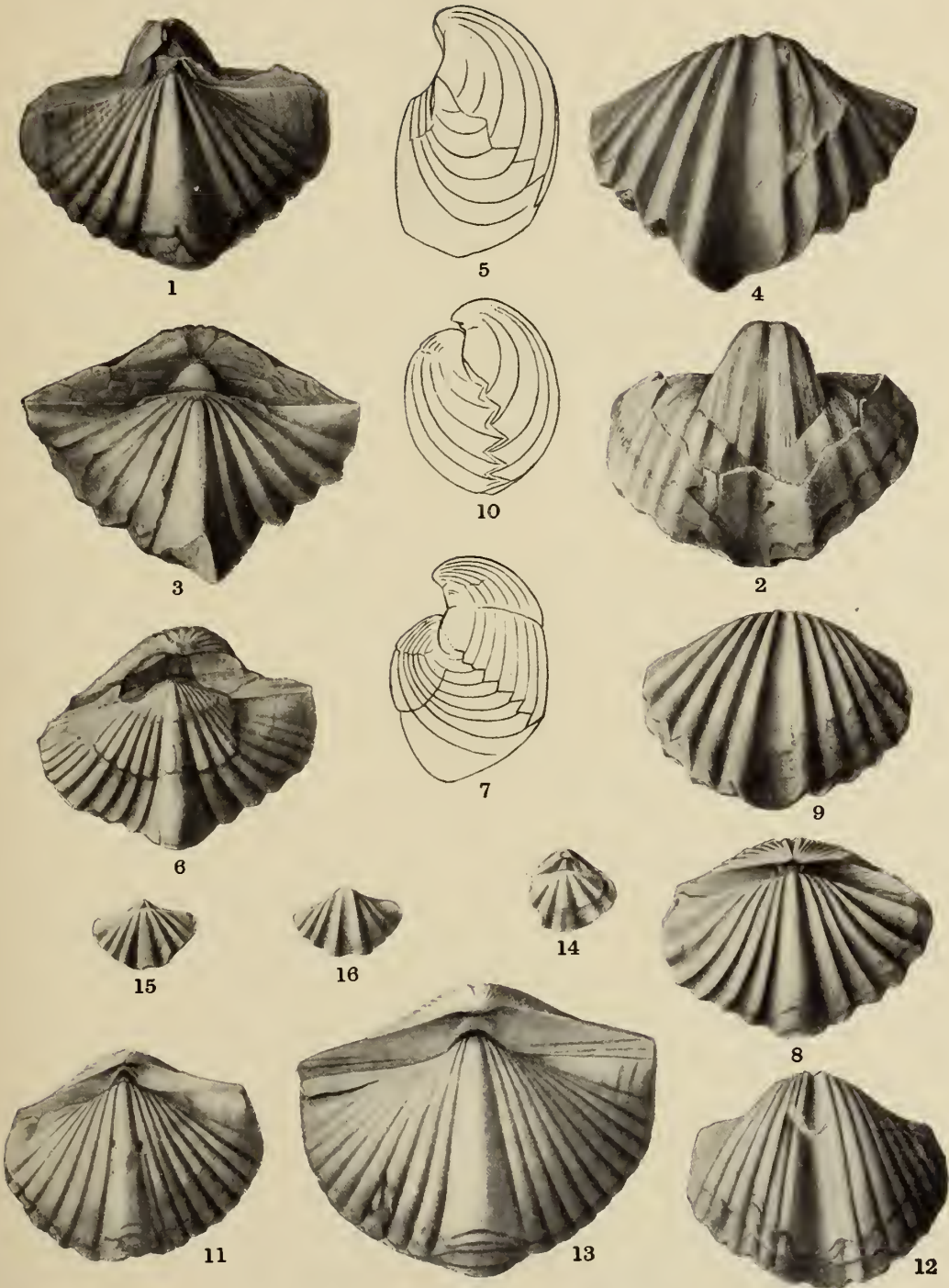


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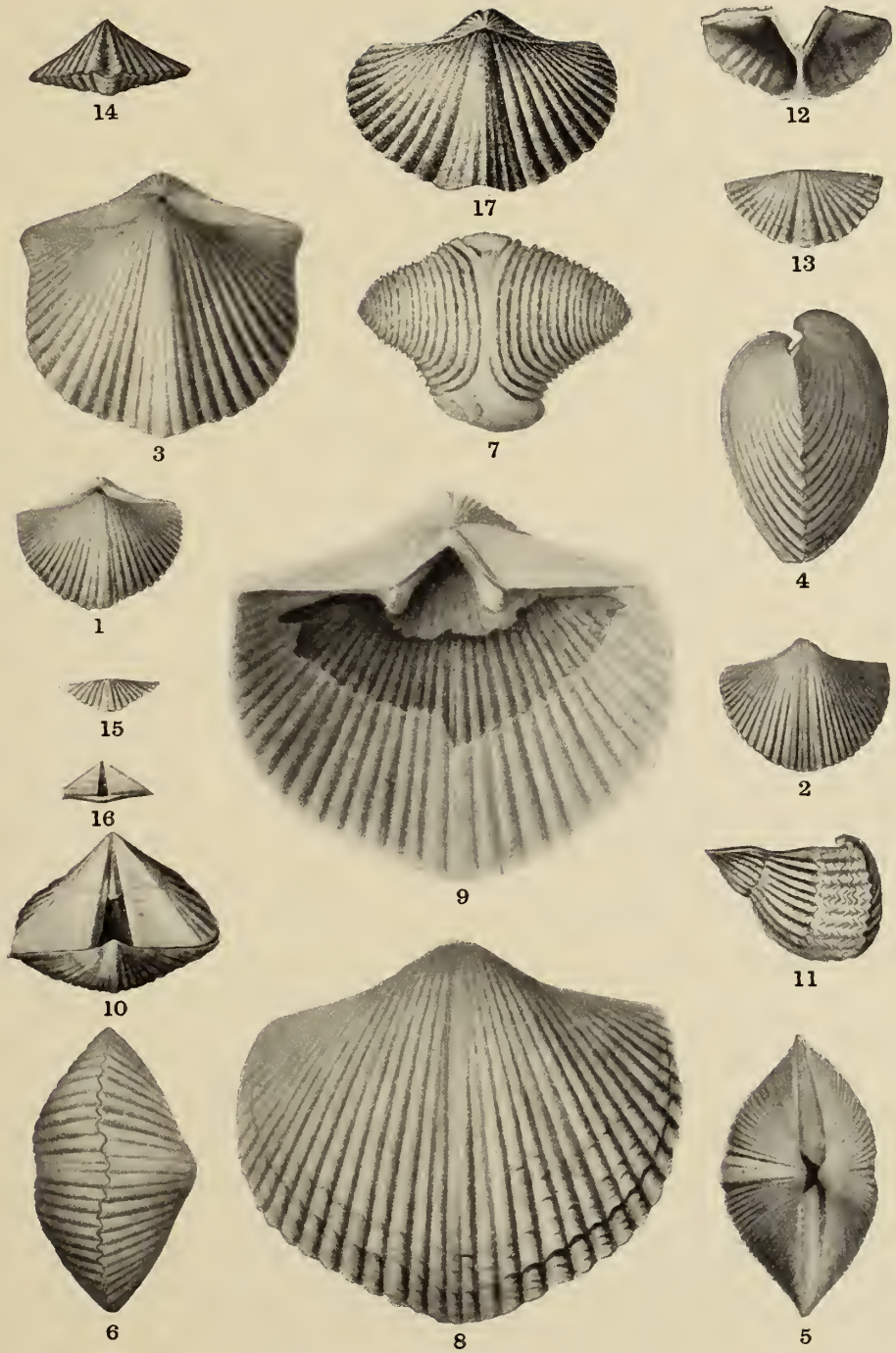
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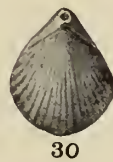
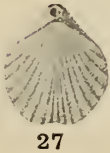
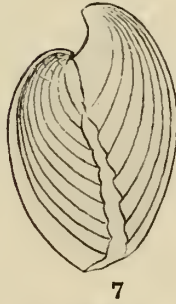
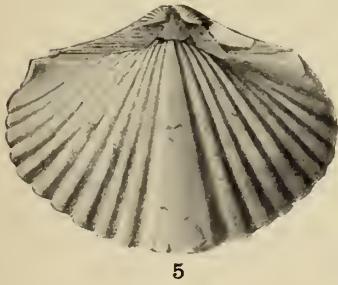
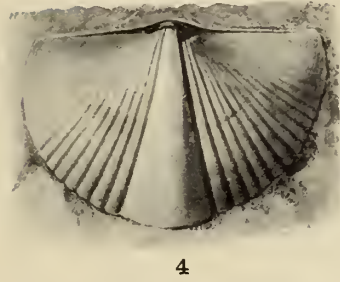
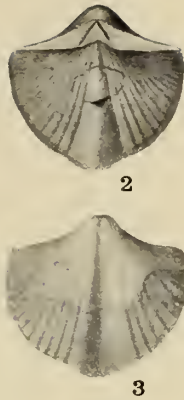


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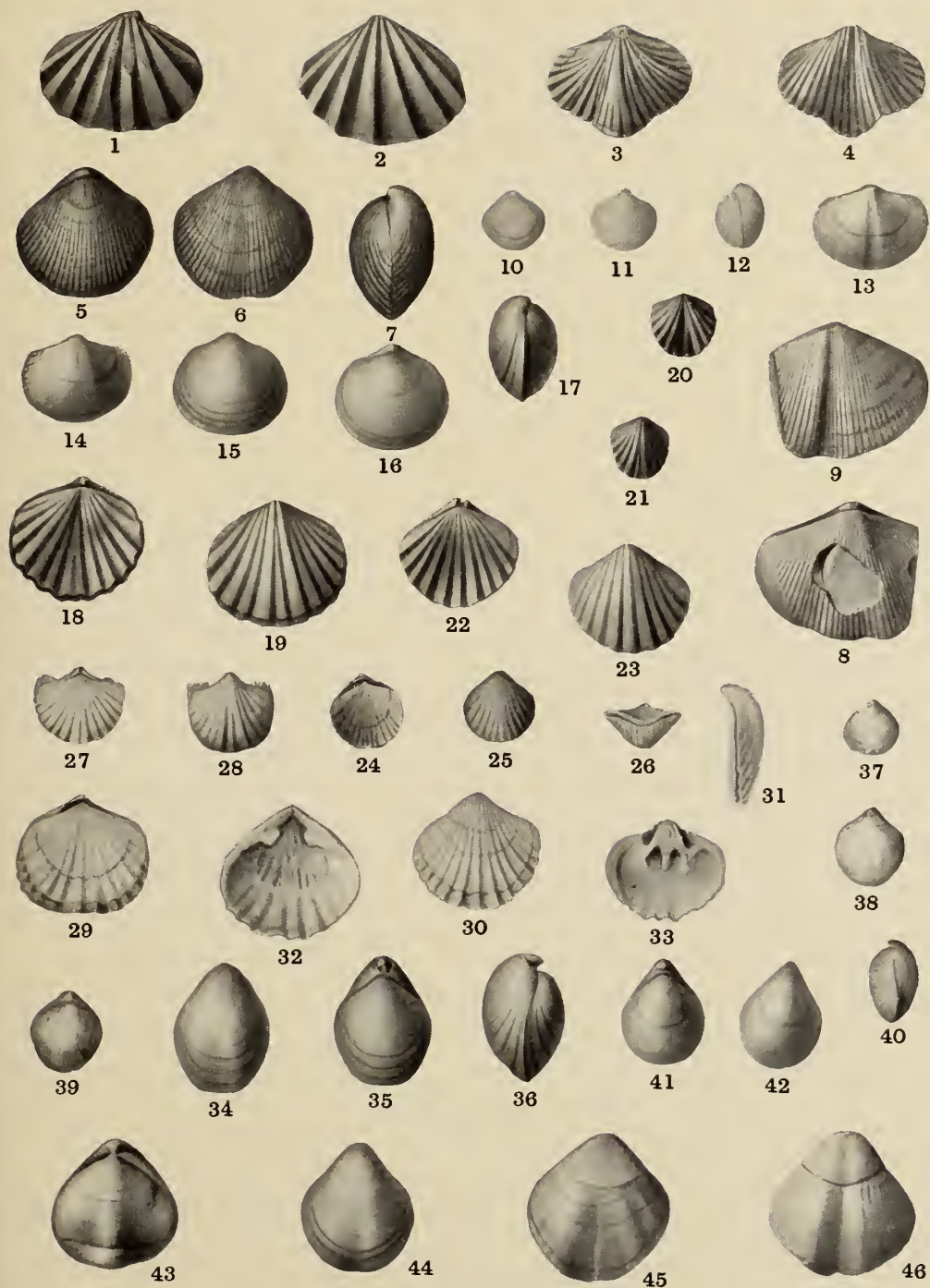


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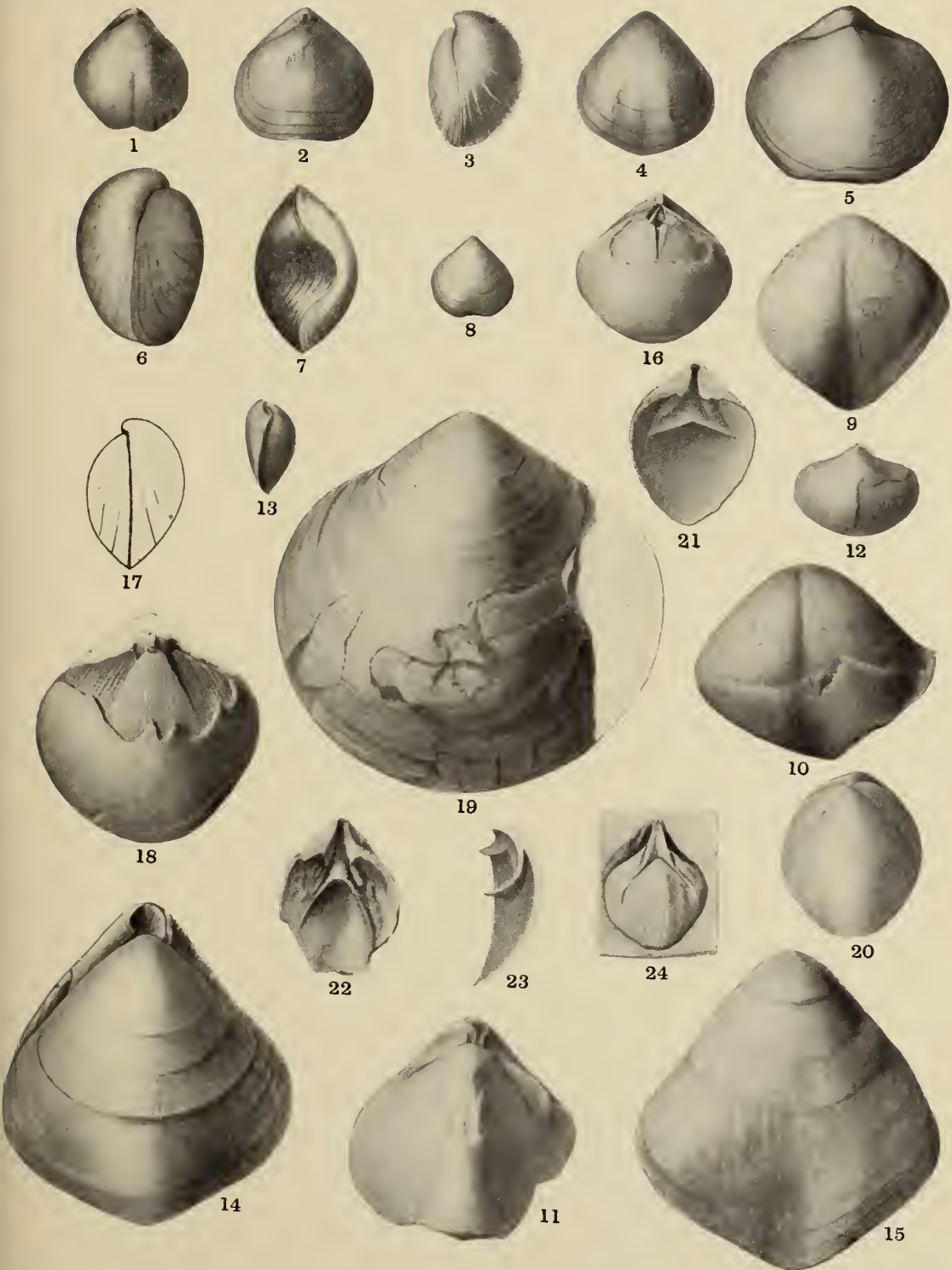
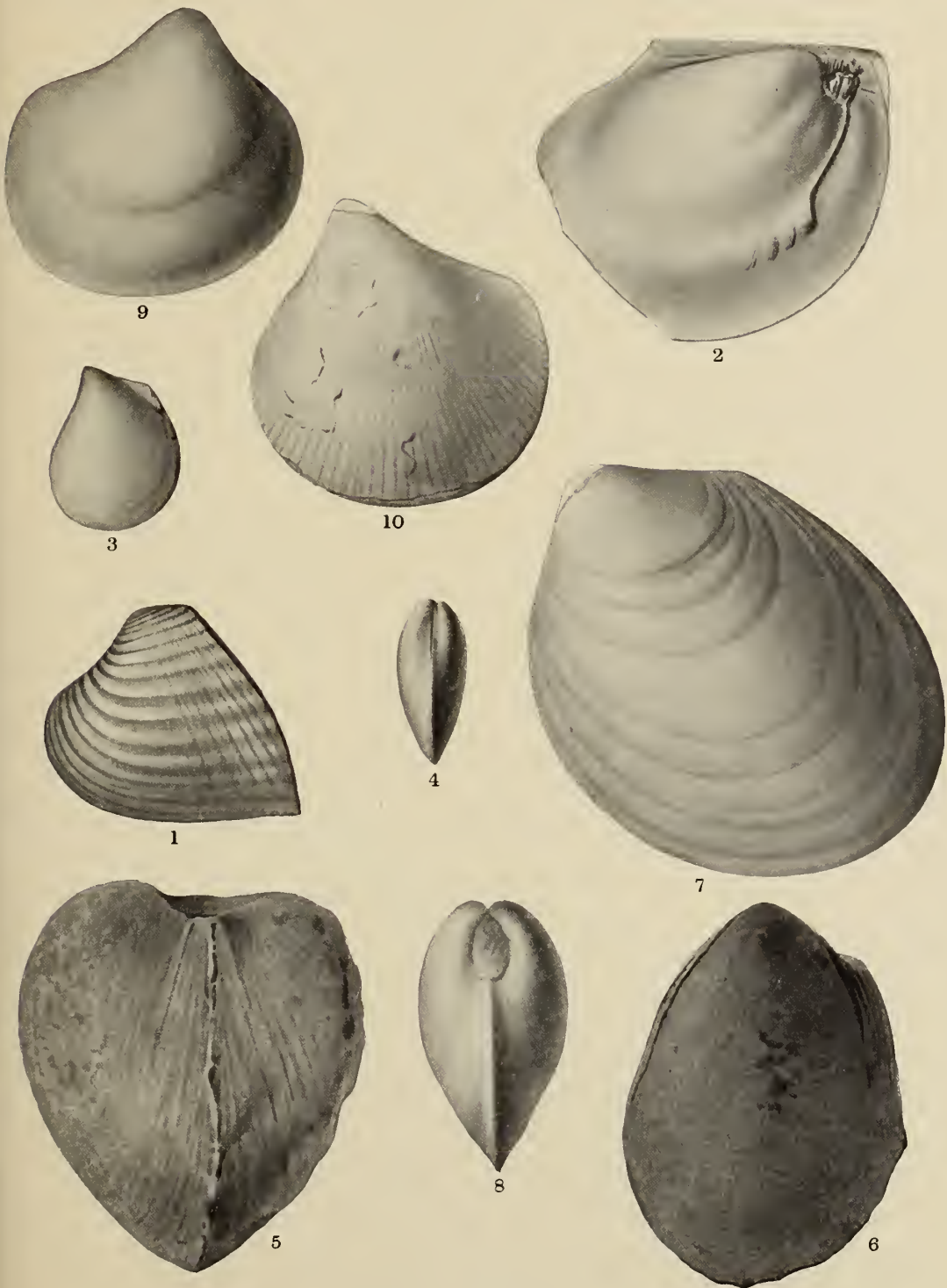


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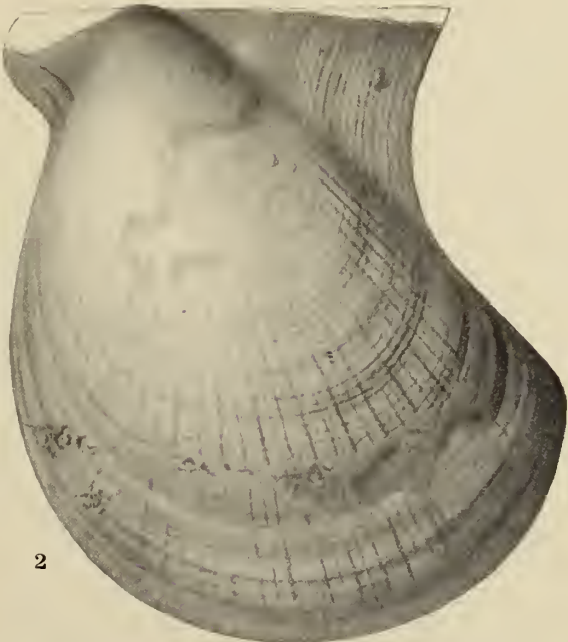
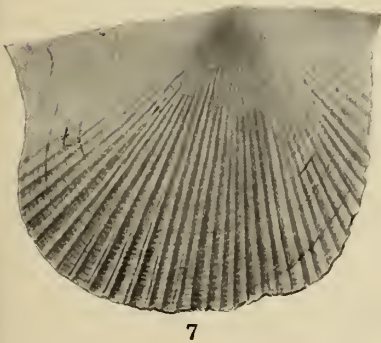
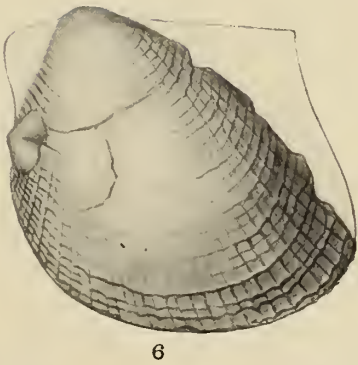
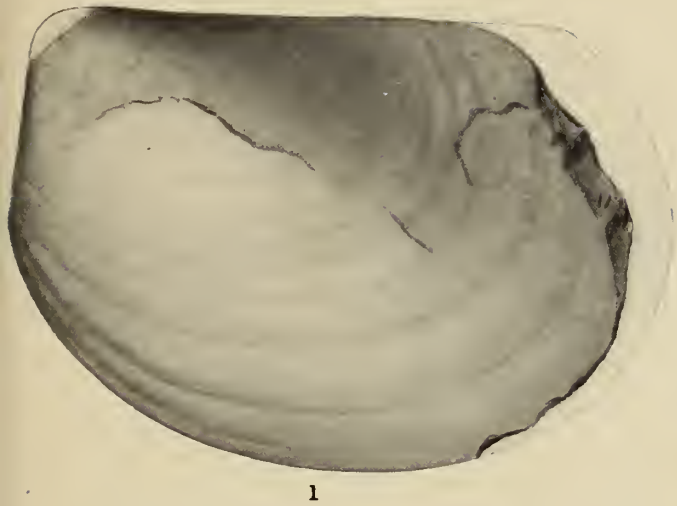
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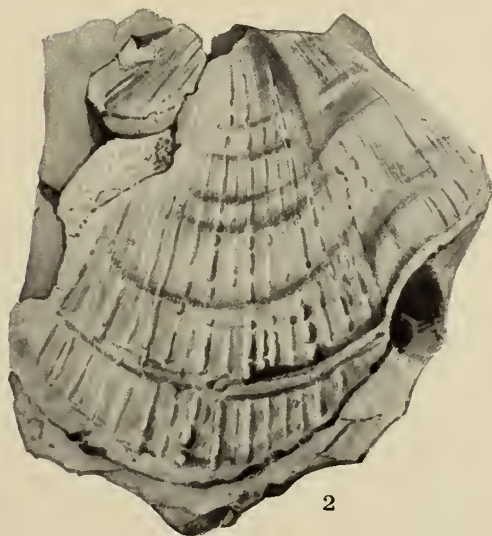
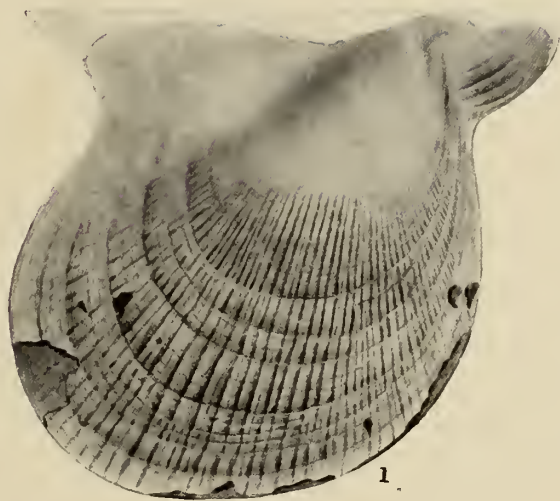
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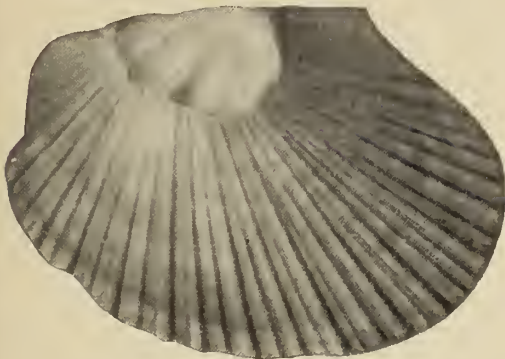
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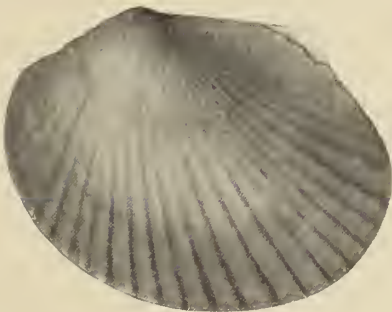
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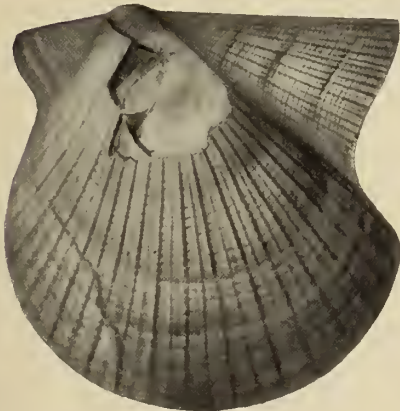
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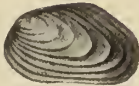
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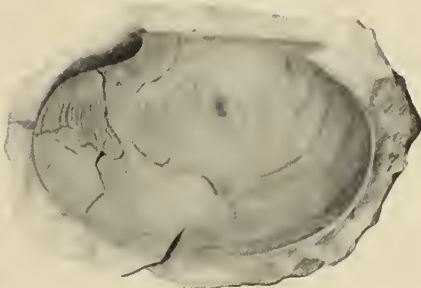
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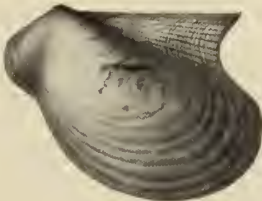
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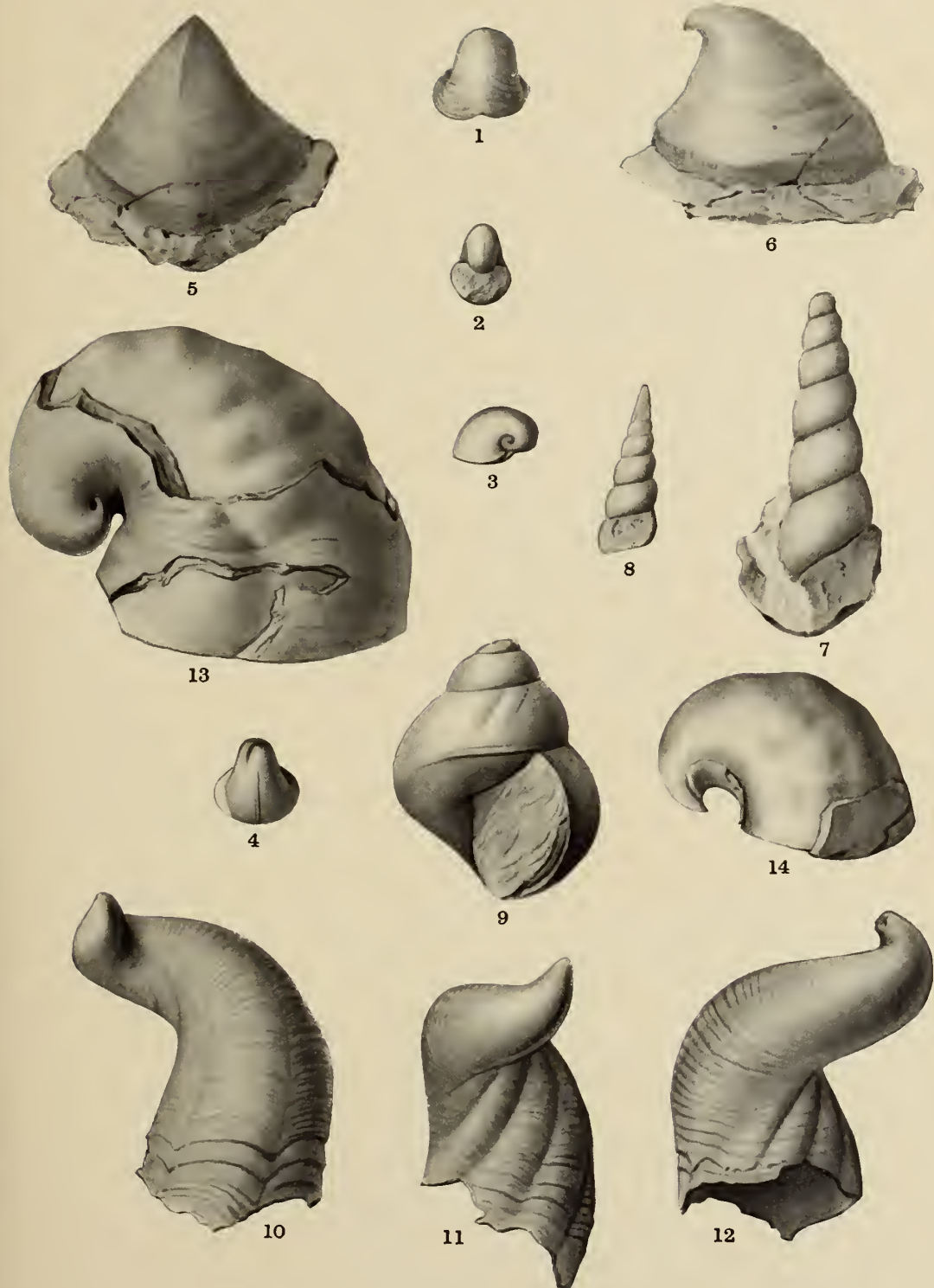
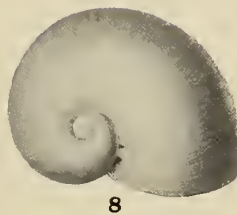
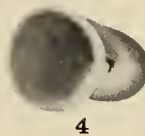


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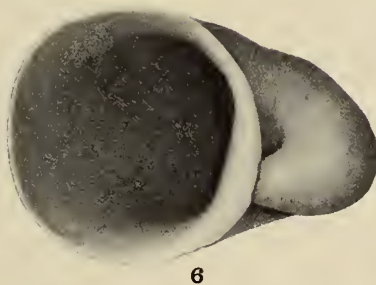


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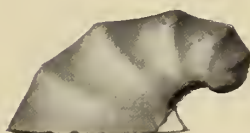
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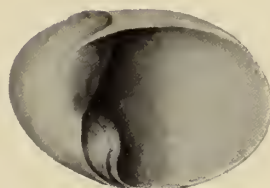
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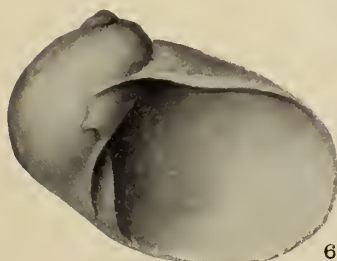
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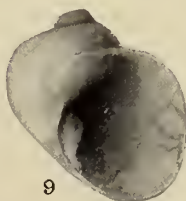
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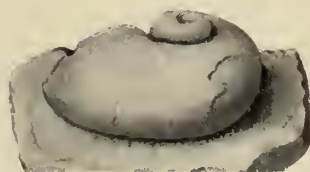
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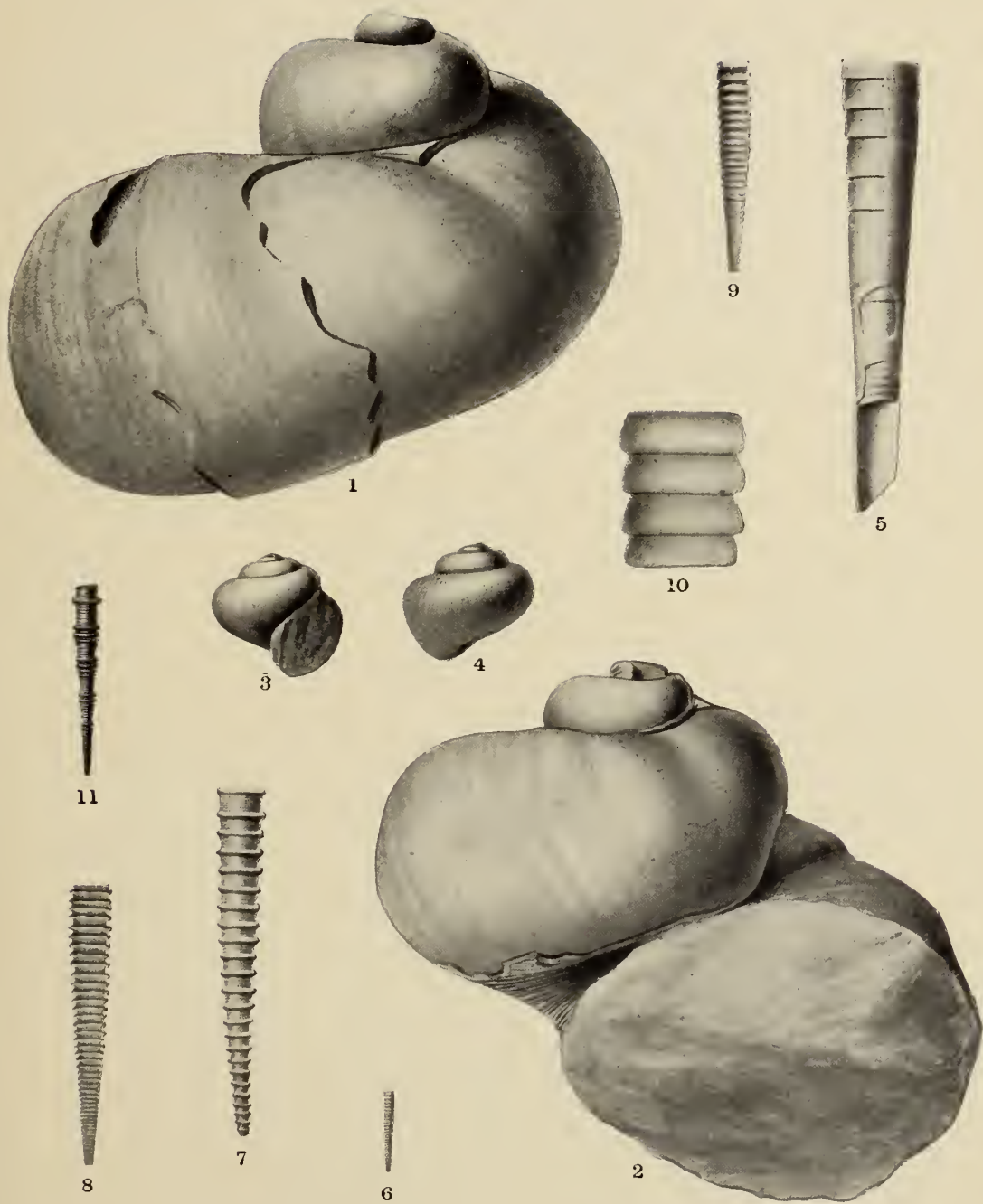
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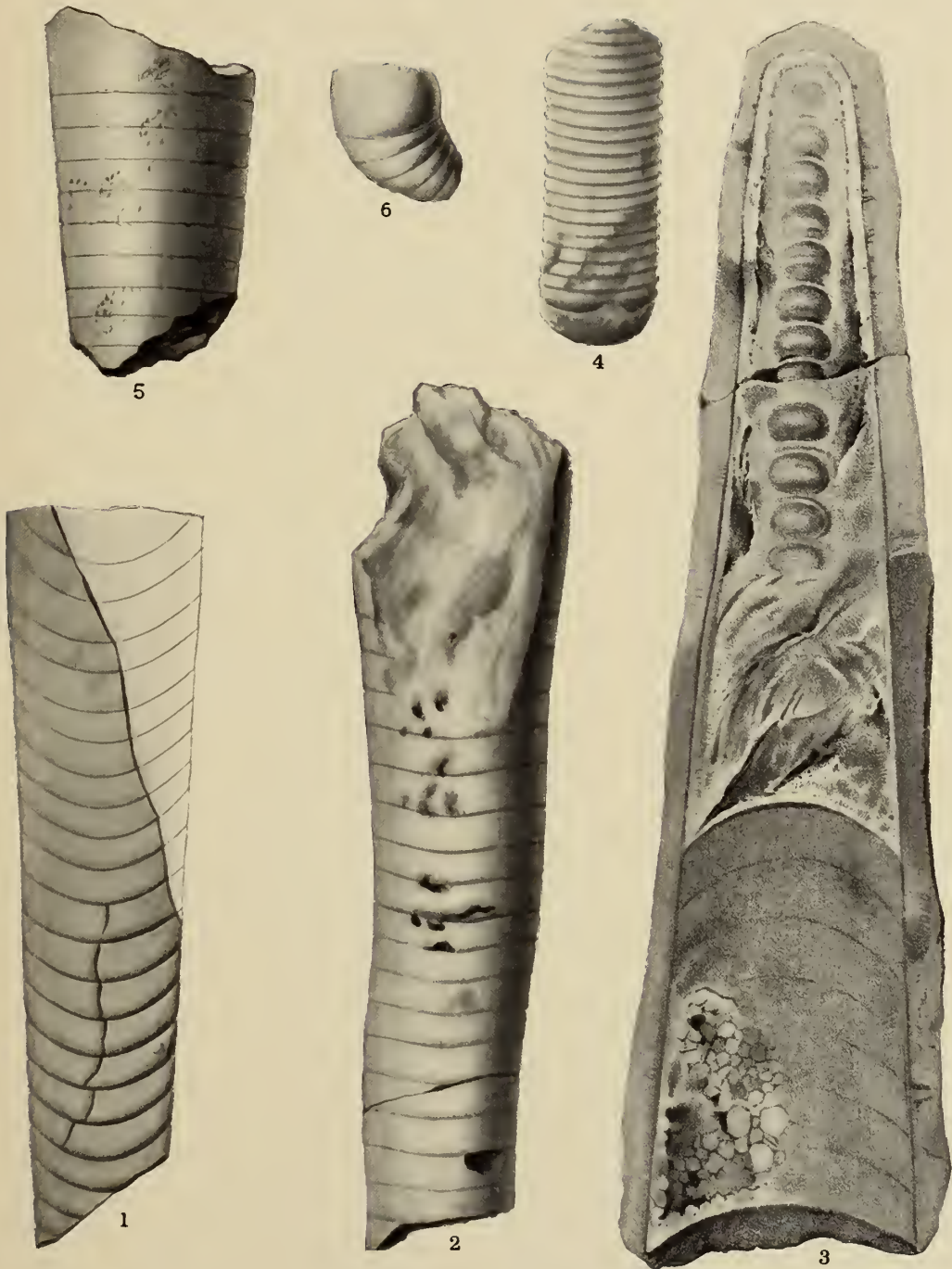
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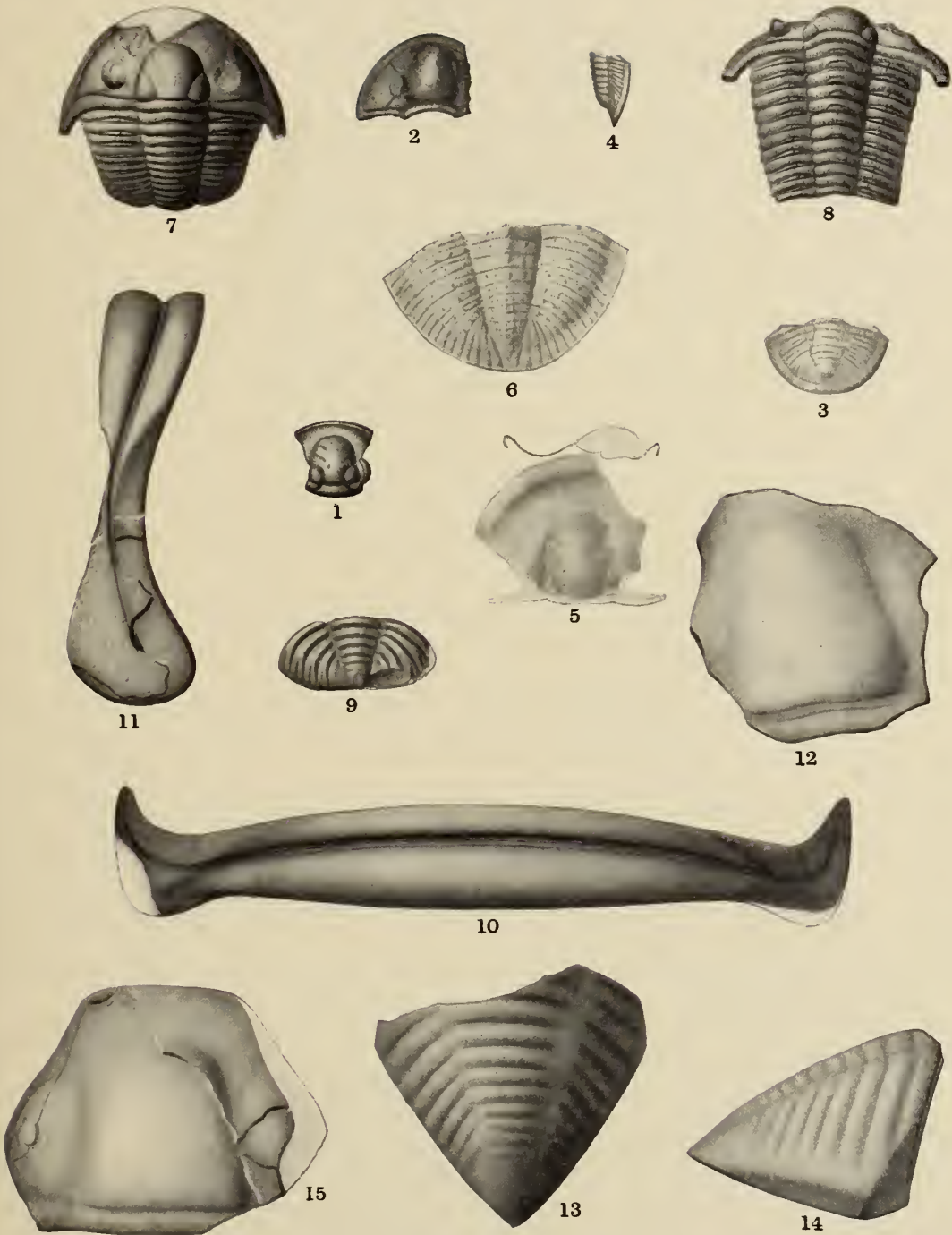
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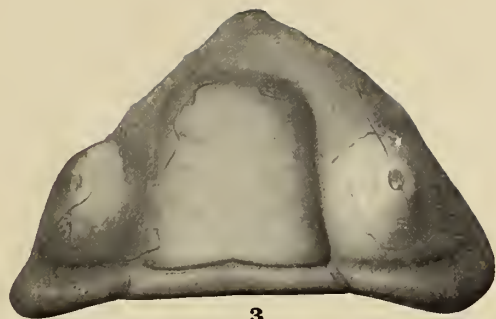
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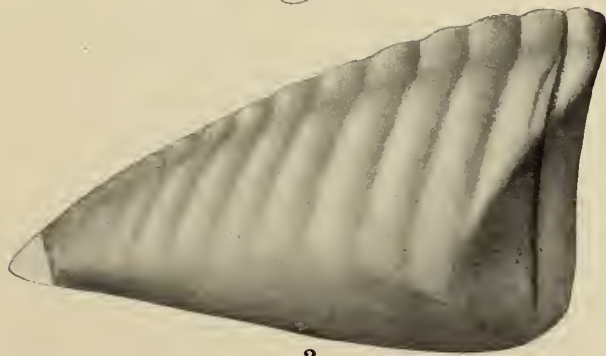
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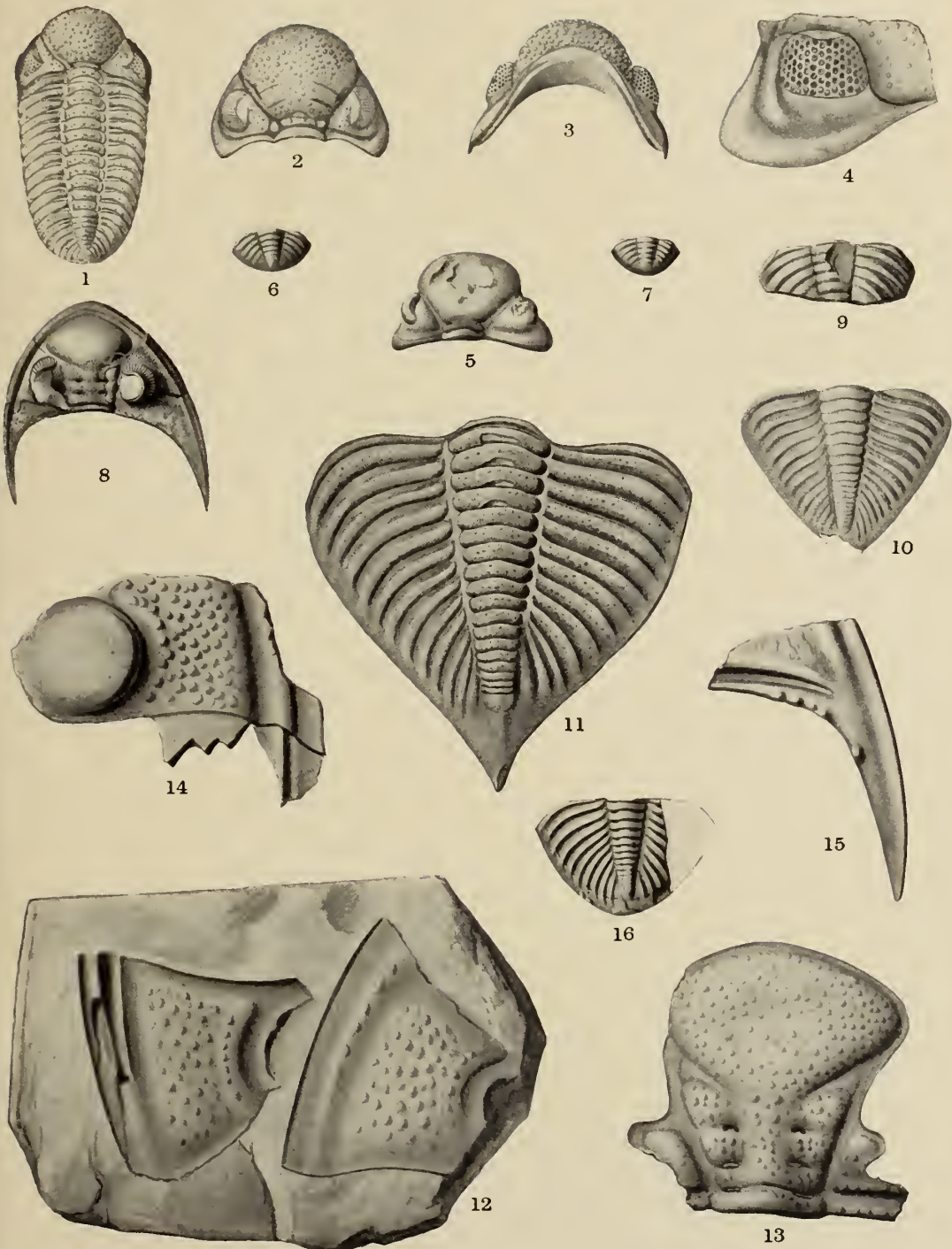
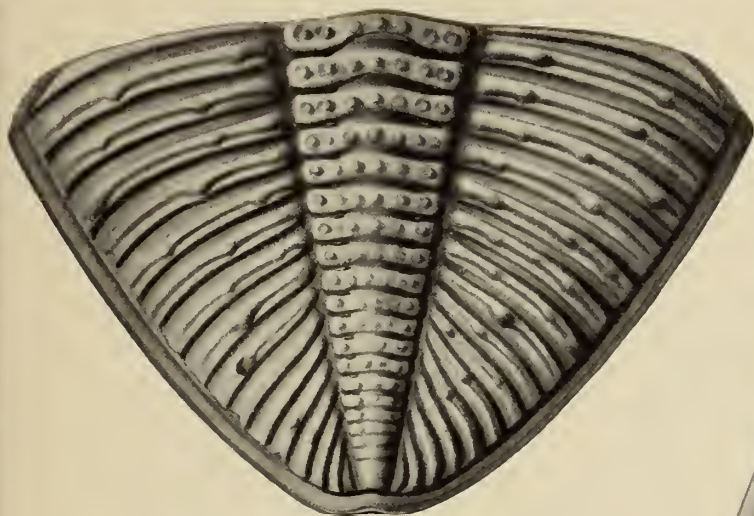


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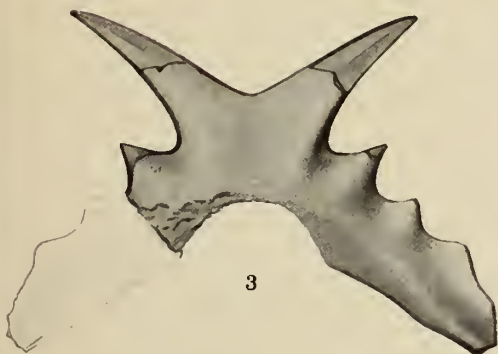
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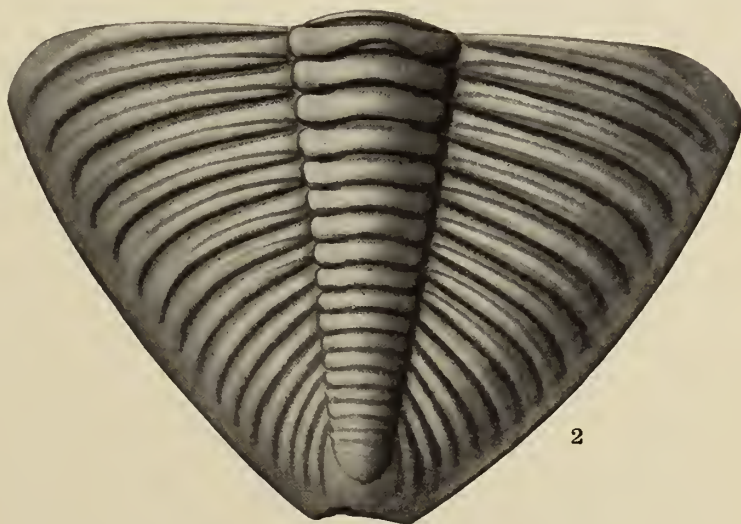
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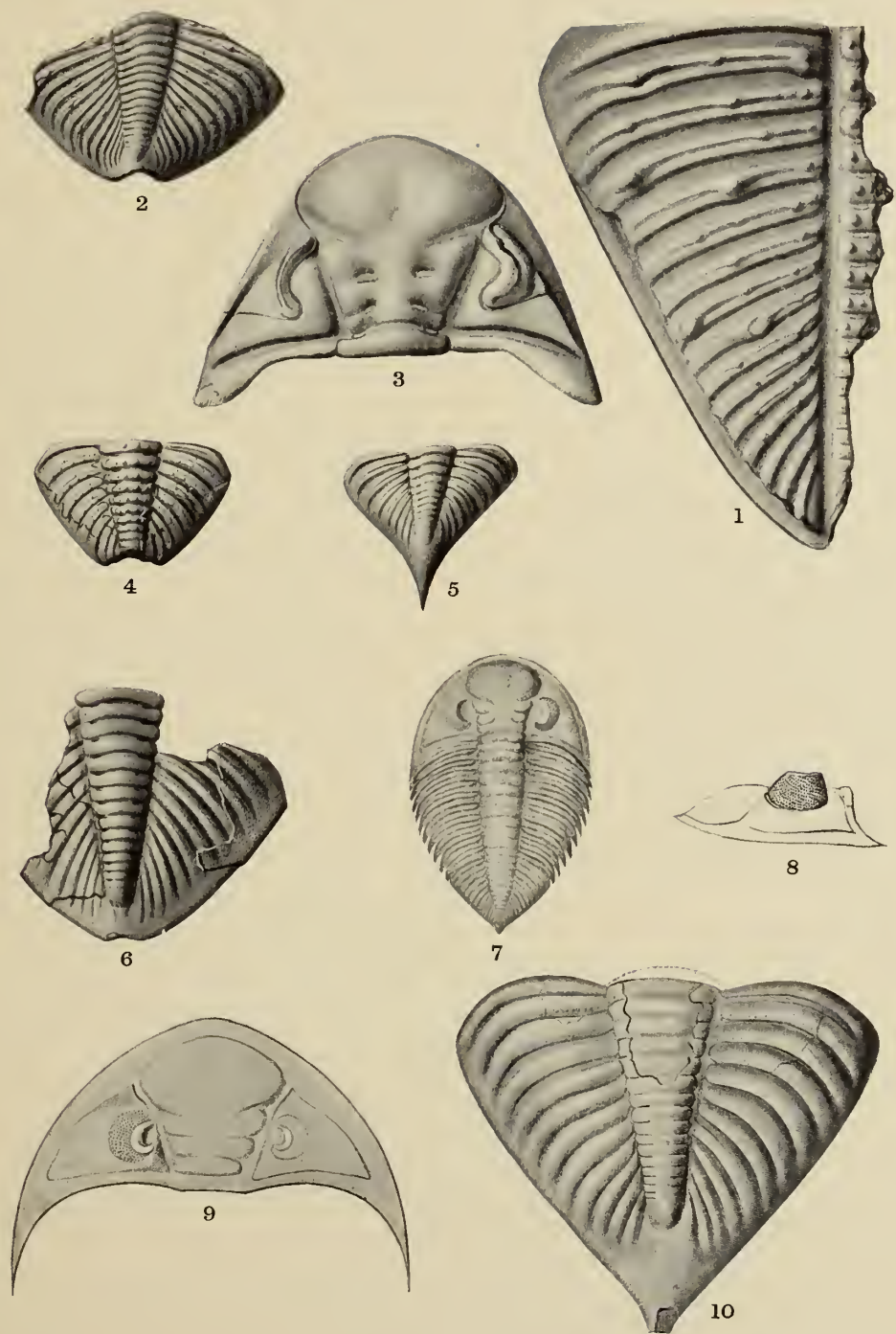


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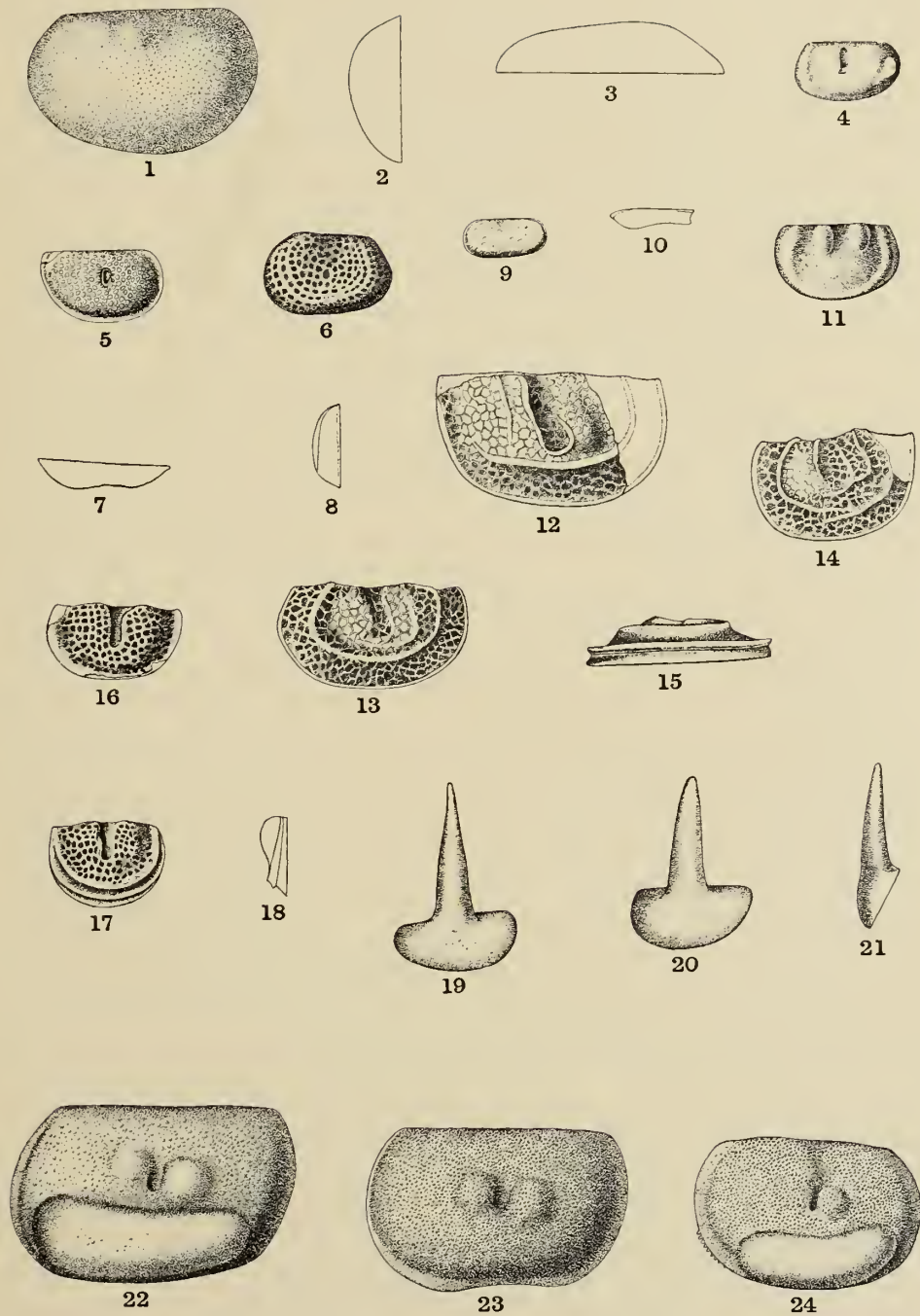
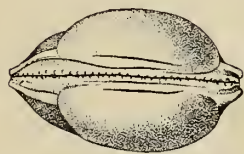
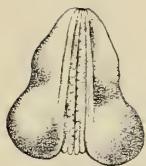


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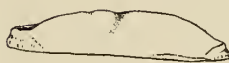
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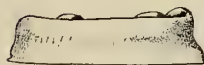
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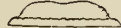
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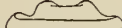
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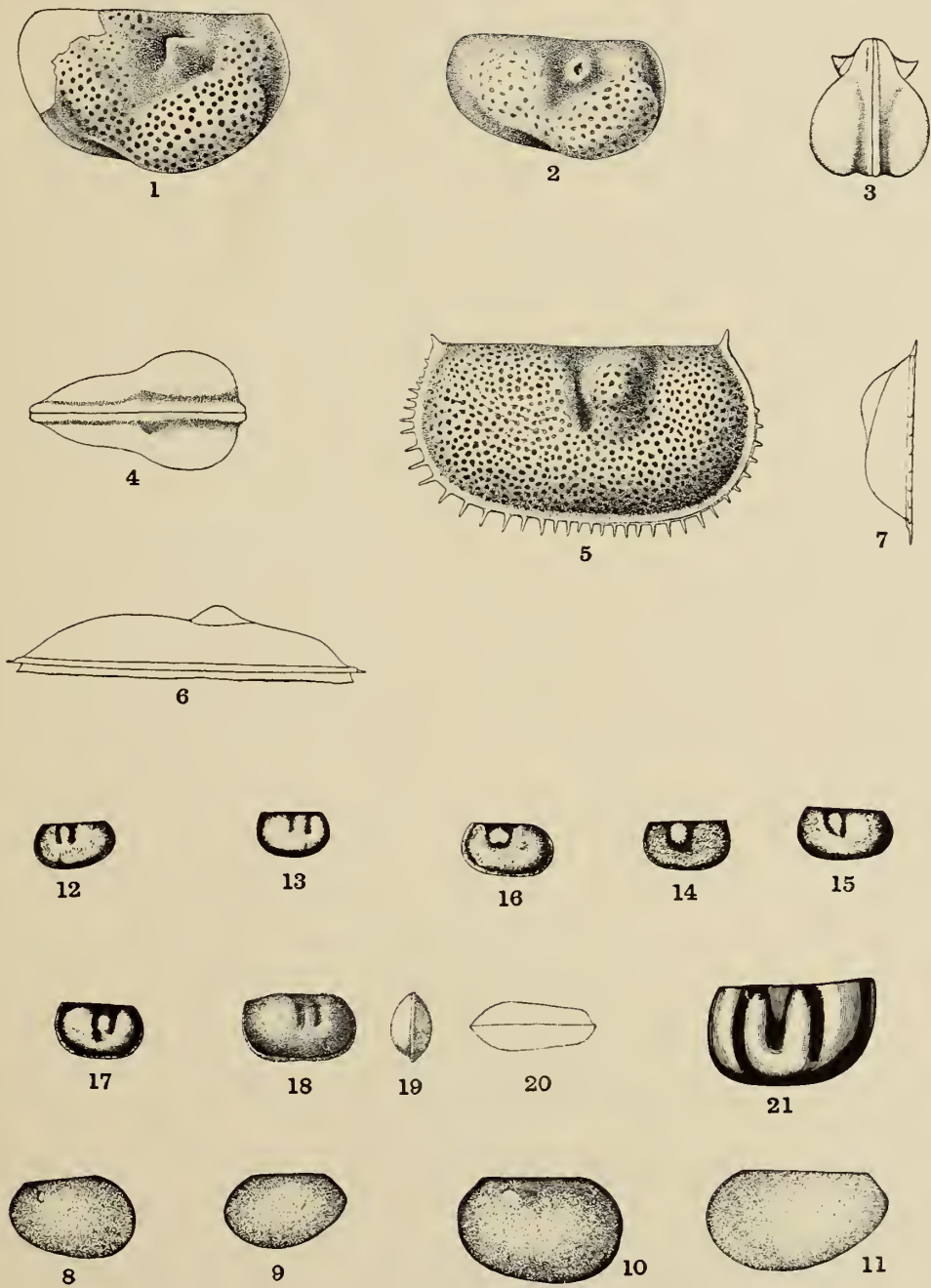
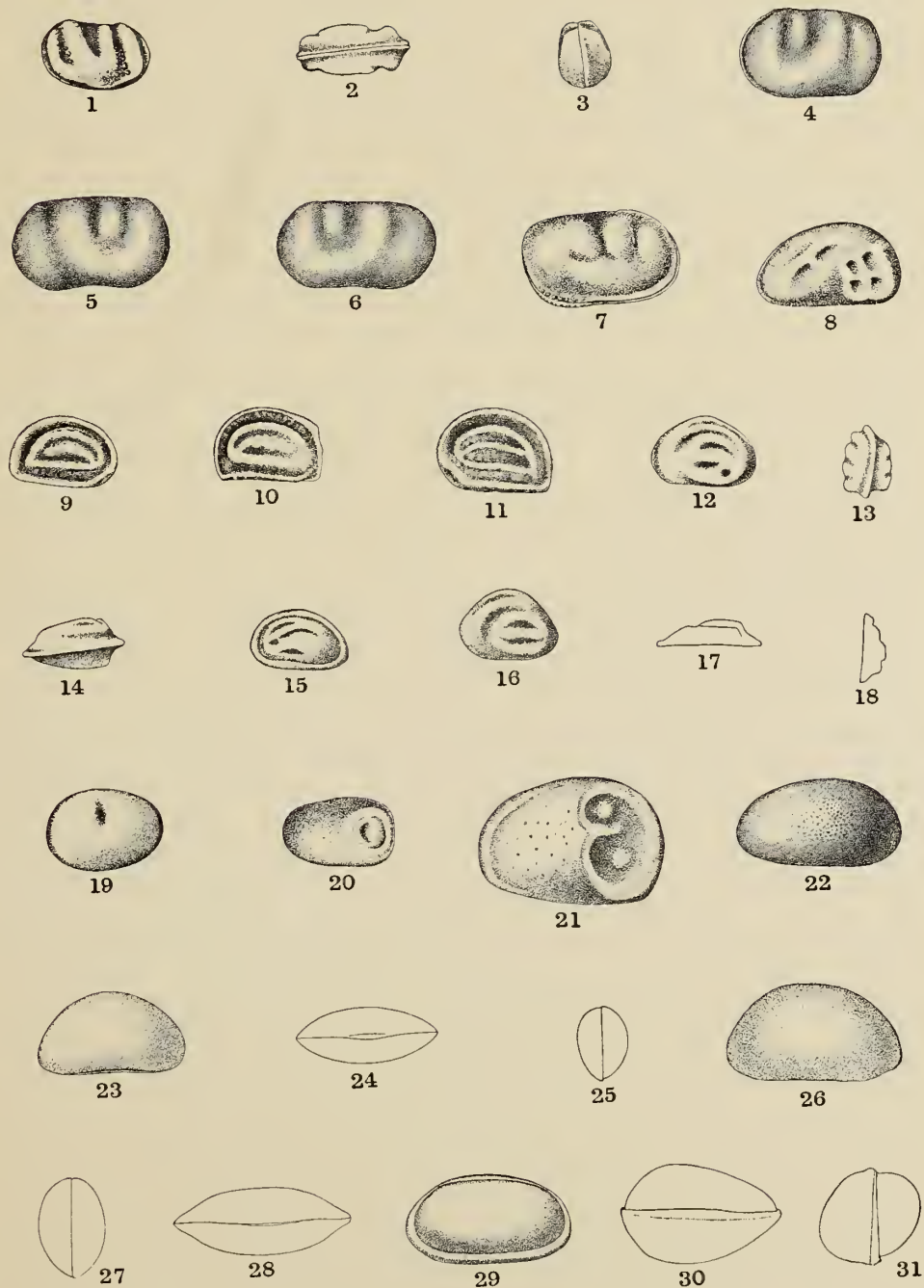


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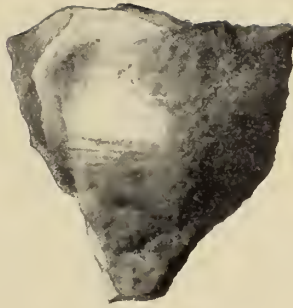
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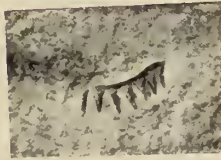
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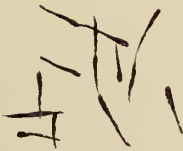
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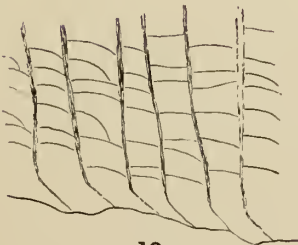
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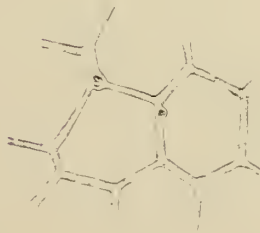
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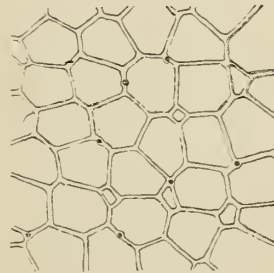
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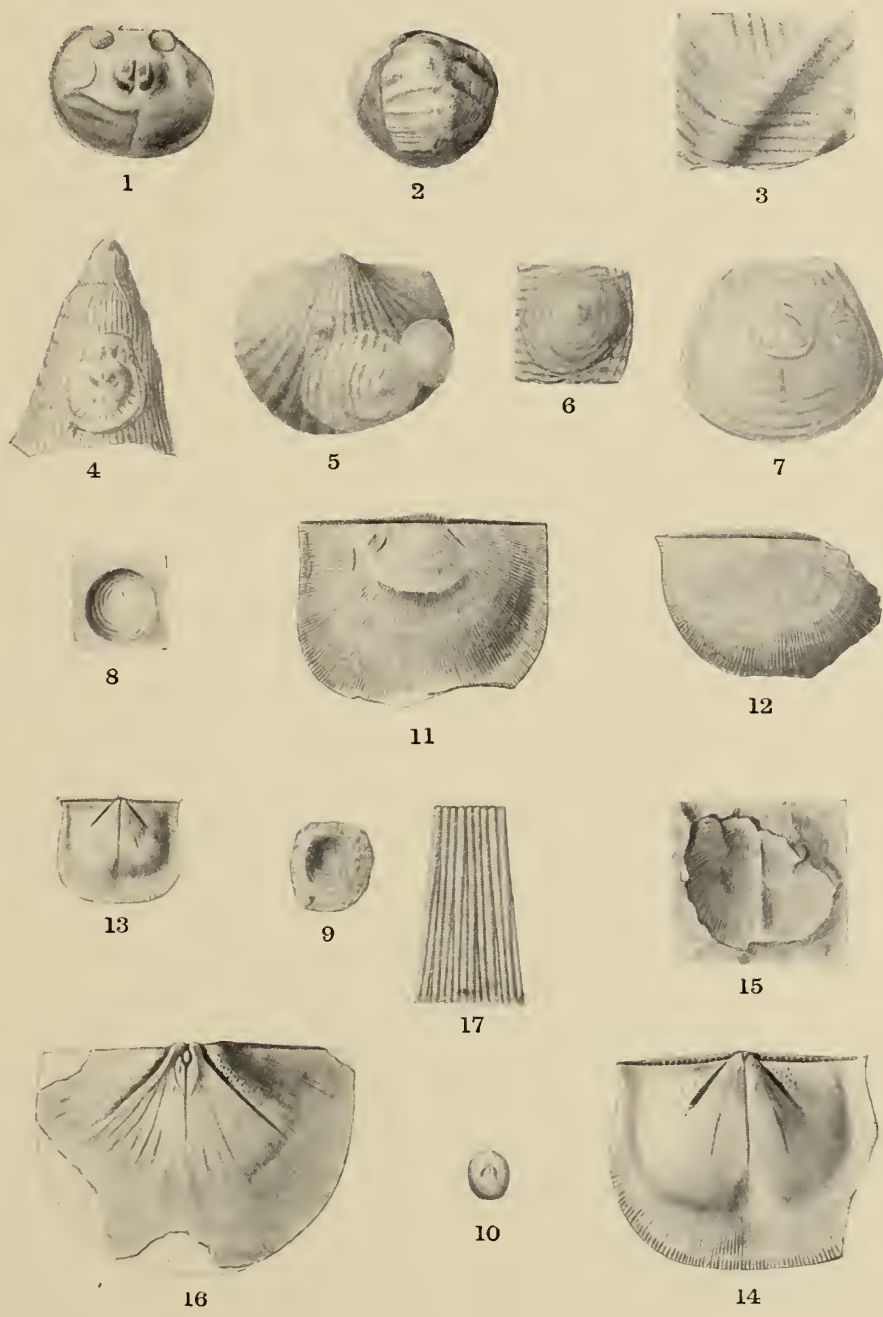
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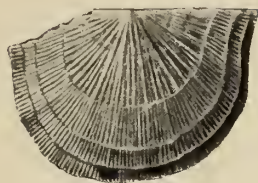
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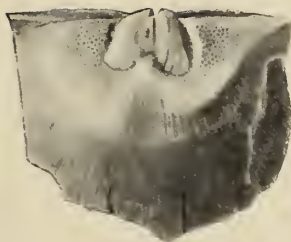
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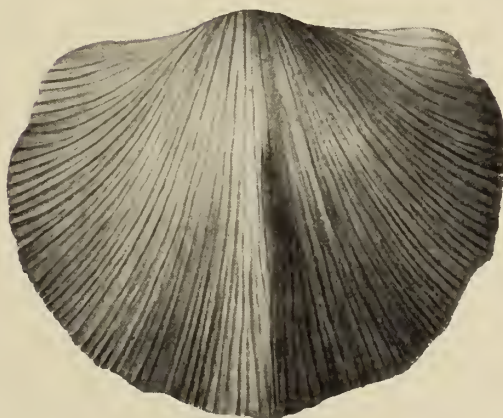
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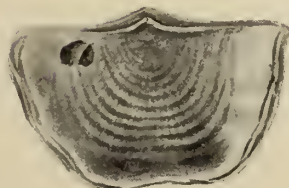
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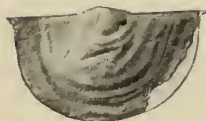
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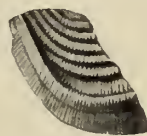
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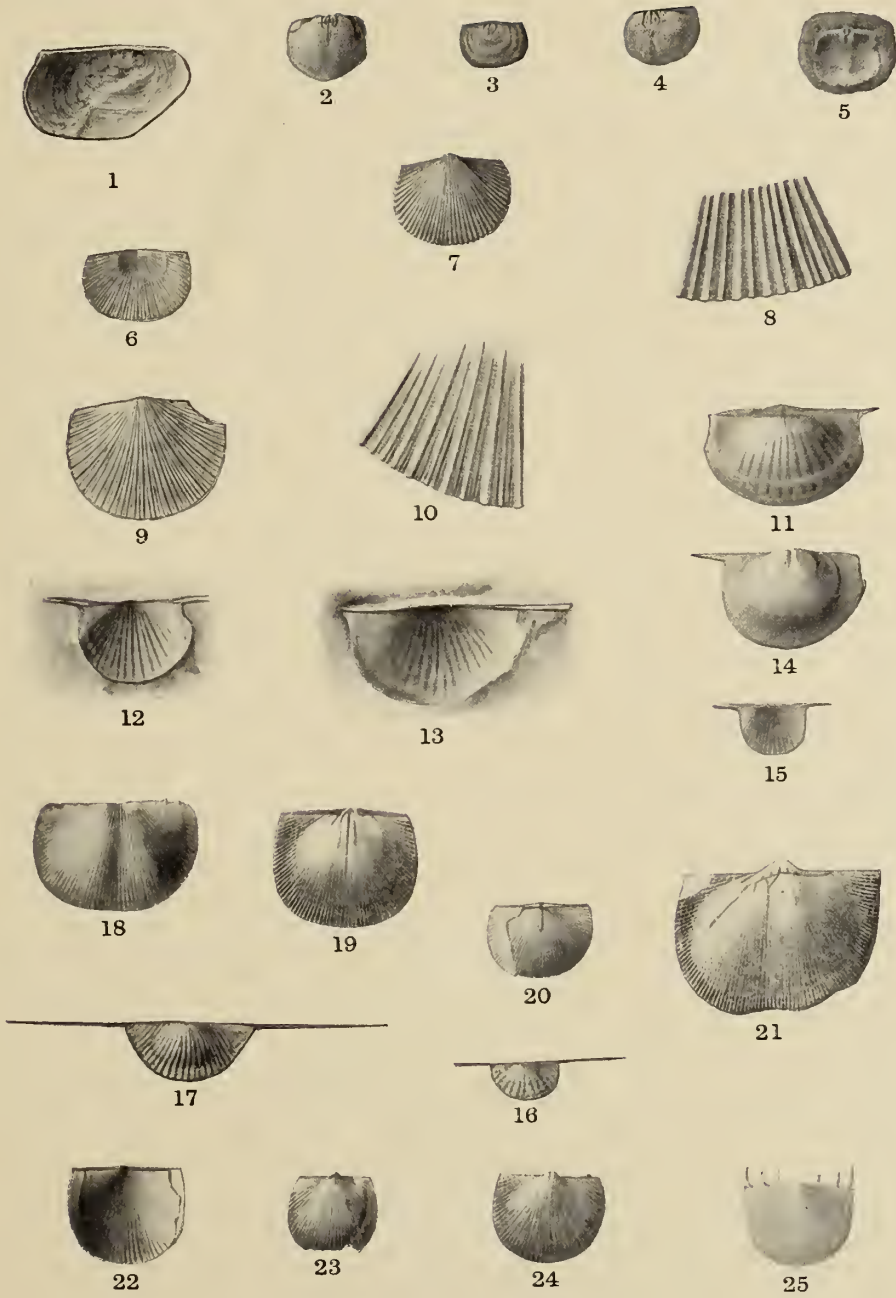
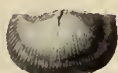
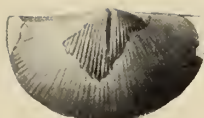


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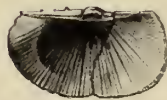
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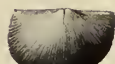
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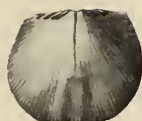
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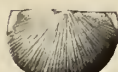
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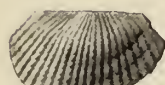
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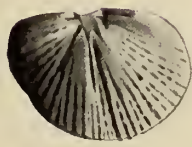
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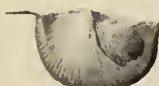
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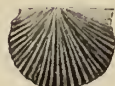
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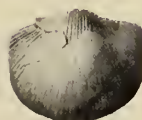
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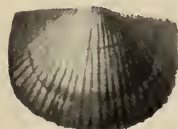
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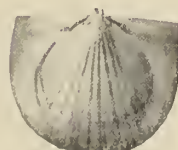
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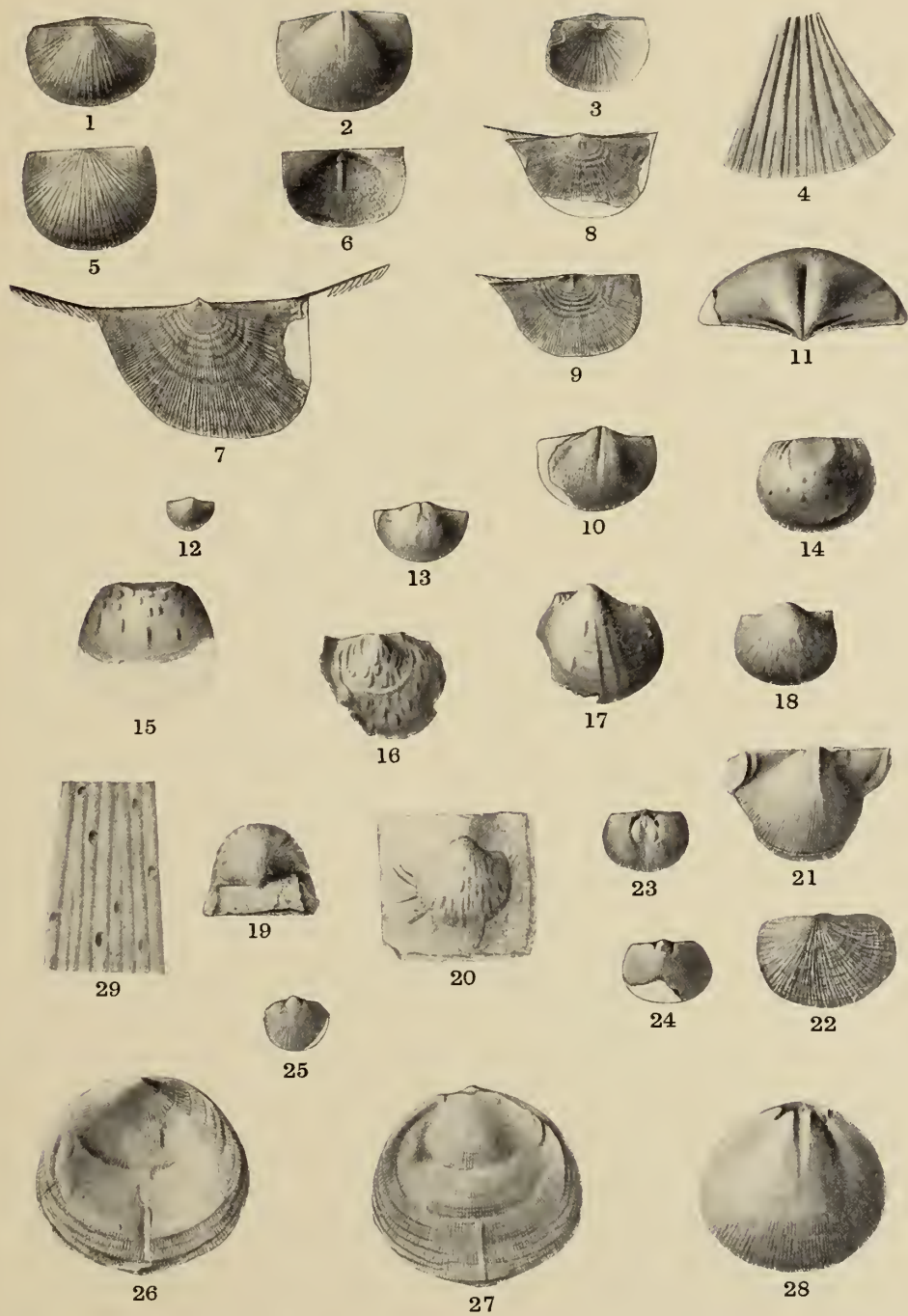


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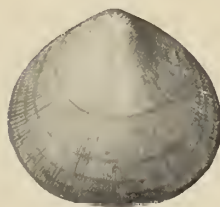
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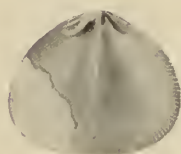
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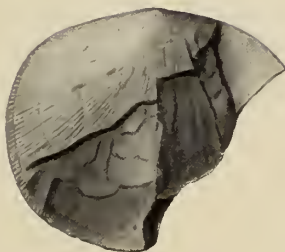
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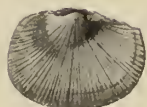
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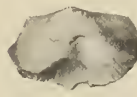
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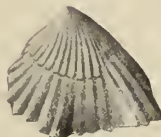
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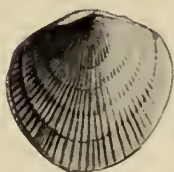
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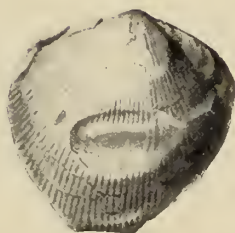
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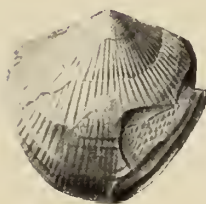
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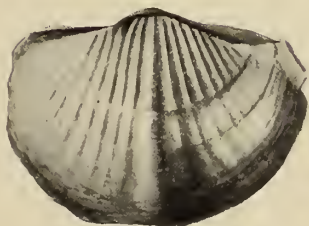
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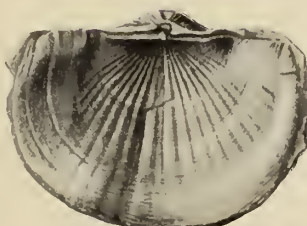
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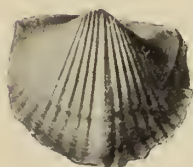
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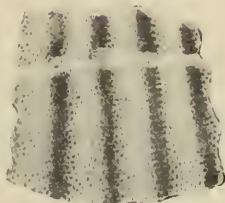
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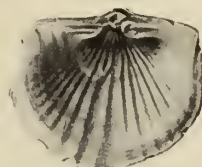
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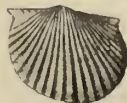
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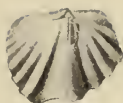
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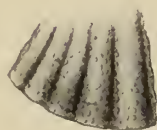
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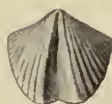
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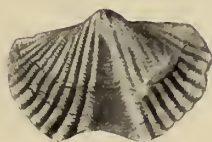
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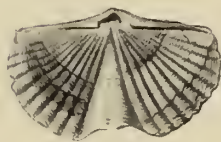
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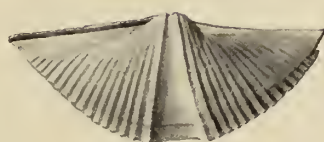
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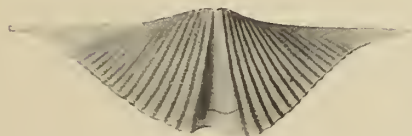
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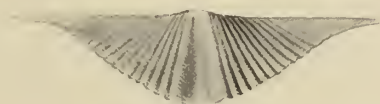
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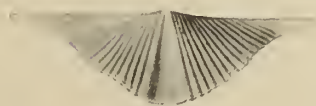
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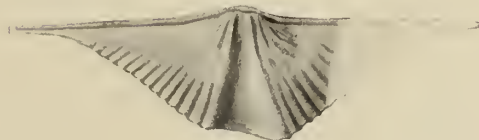
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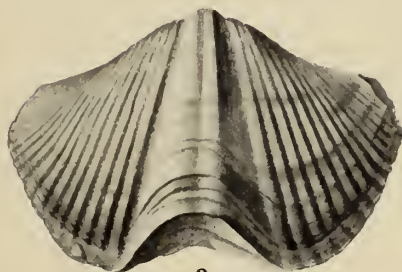
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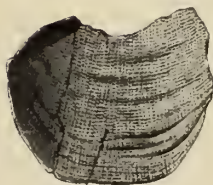
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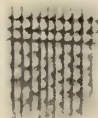
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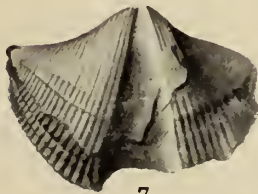
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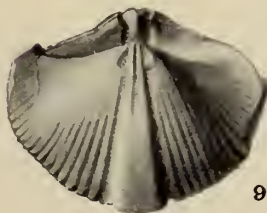
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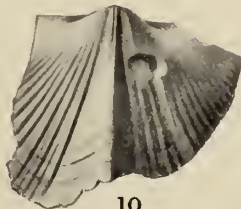
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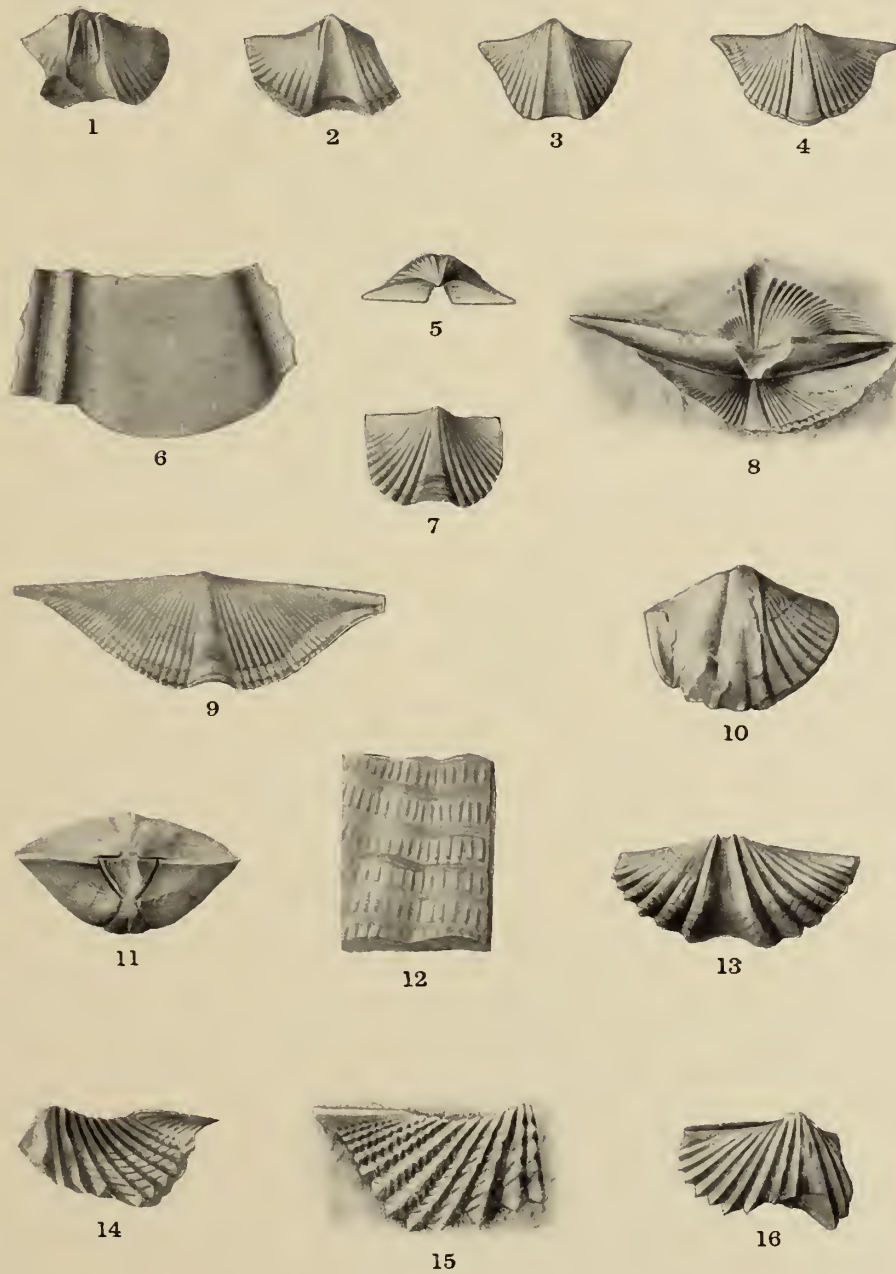


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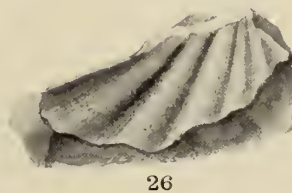
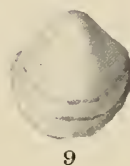
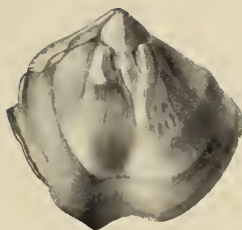


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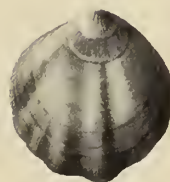
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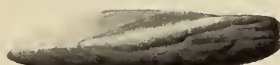
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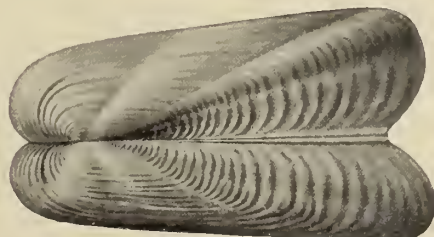
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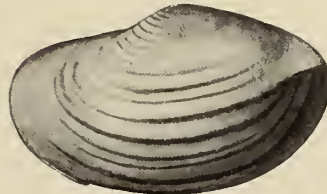
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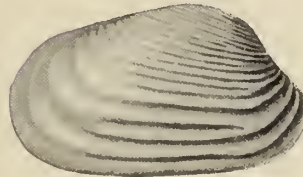
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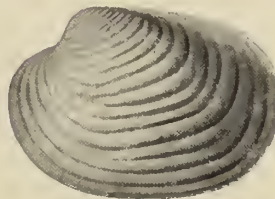
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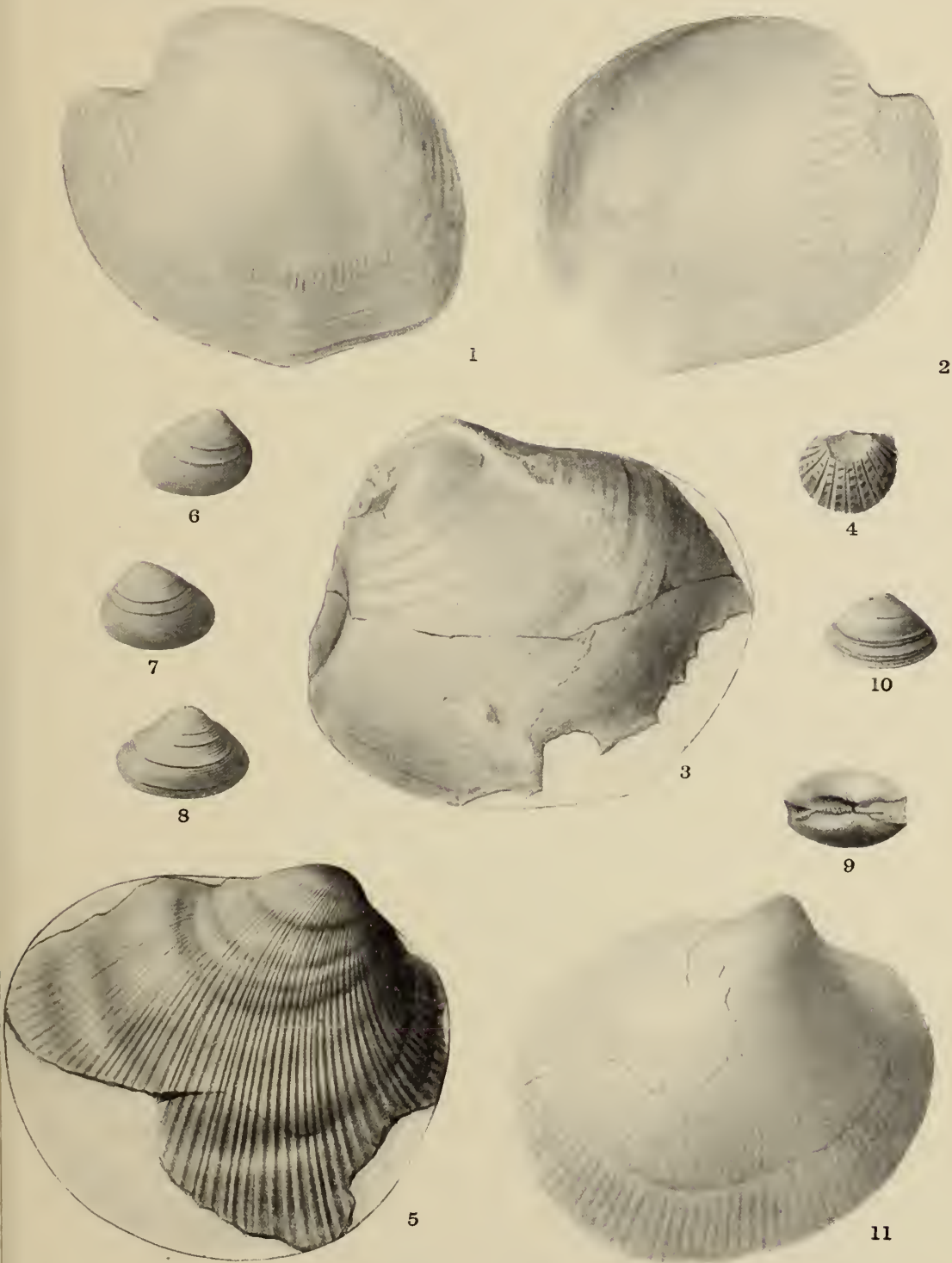


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MOLLUSCA—PELECYPODA

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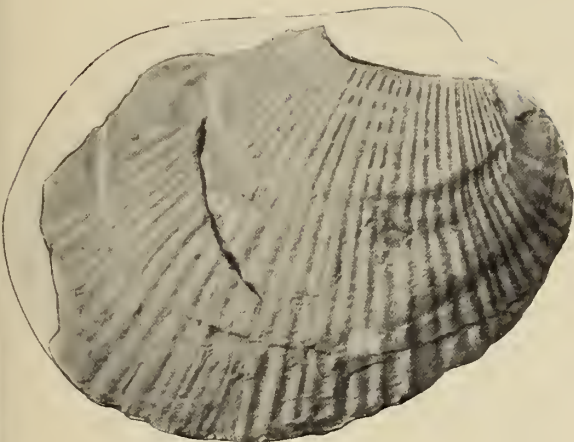
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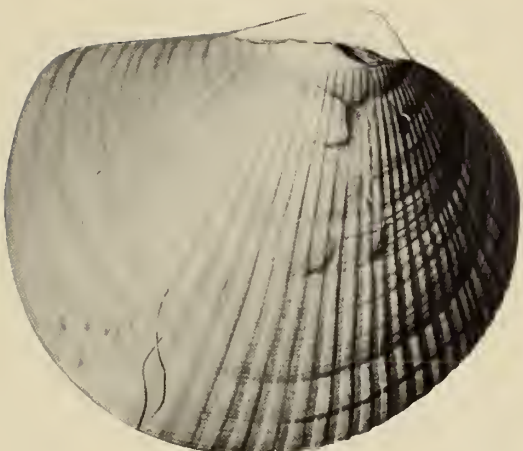
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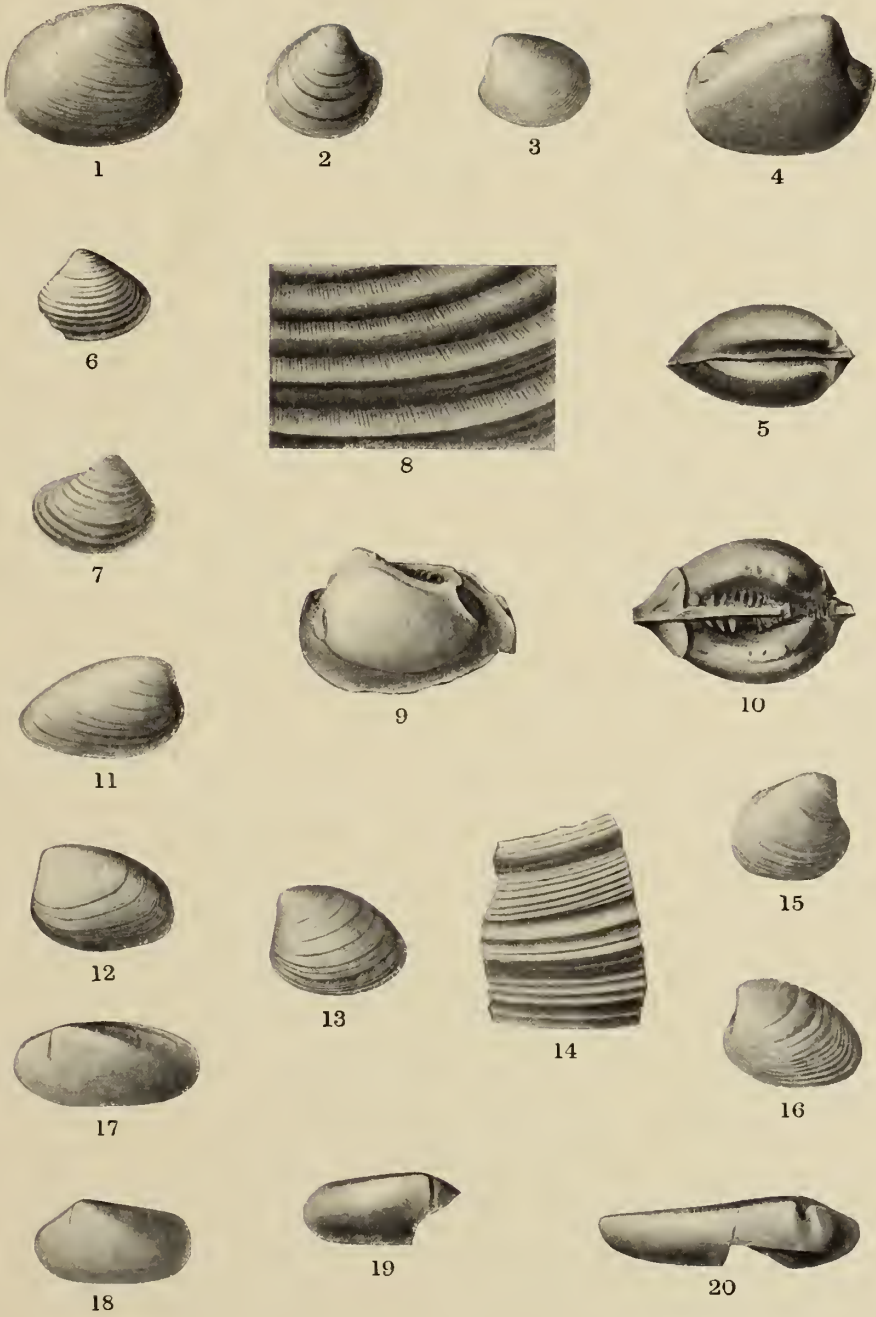


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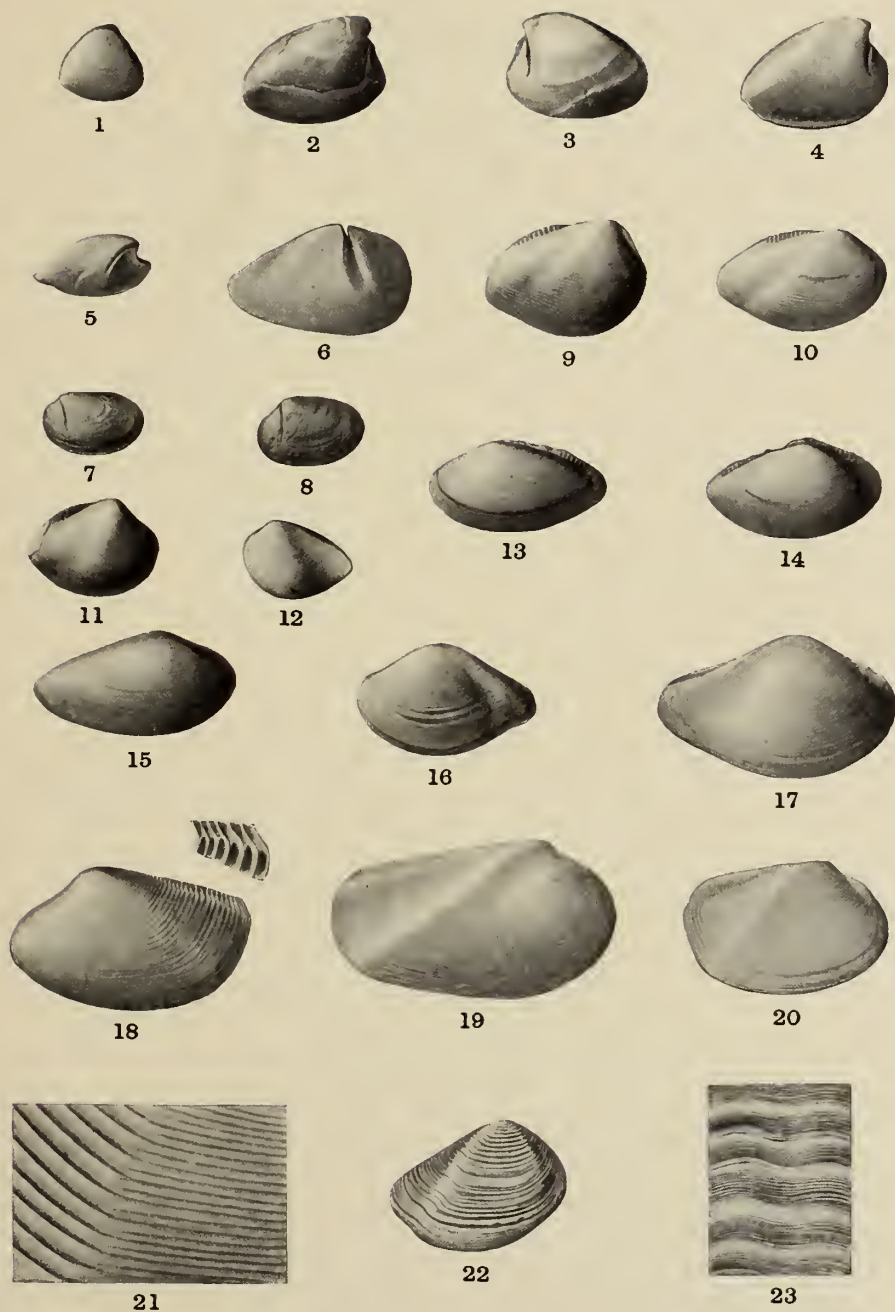
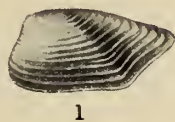
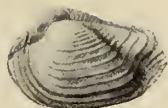


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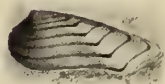
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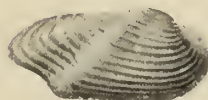
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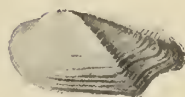
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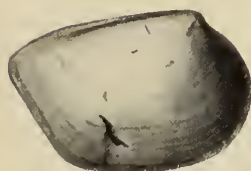
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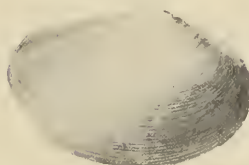
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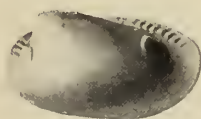
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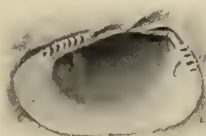
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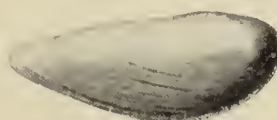
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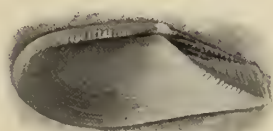
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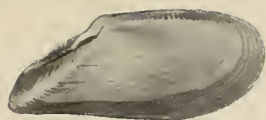
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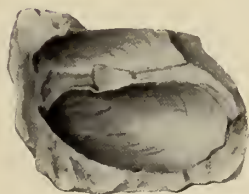
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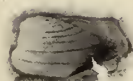
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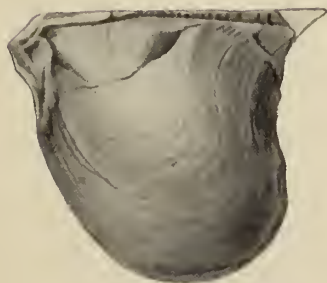
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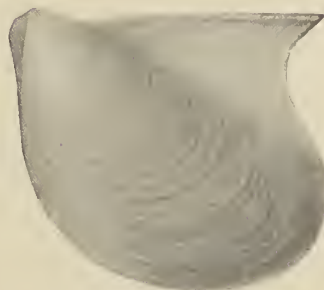
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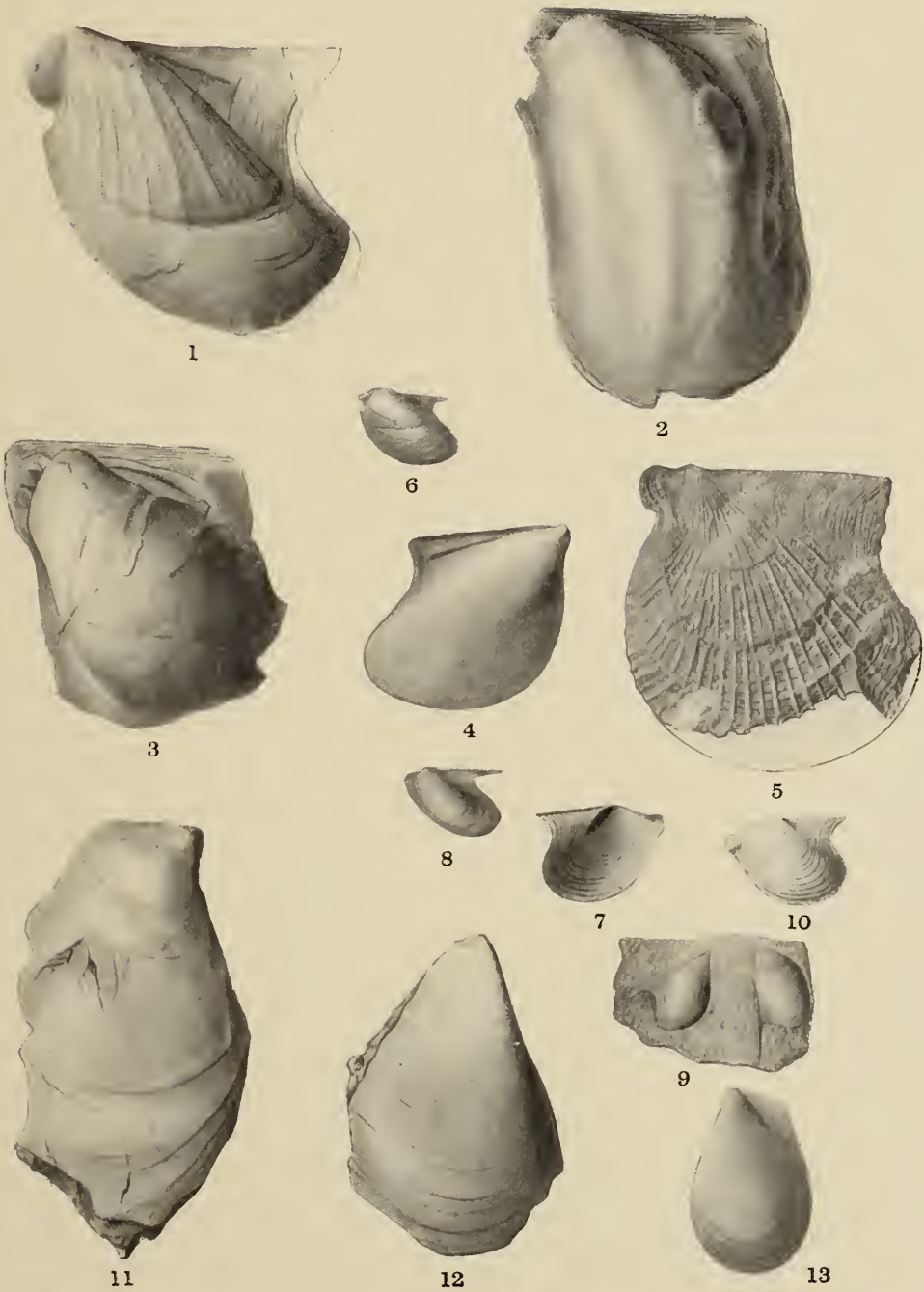
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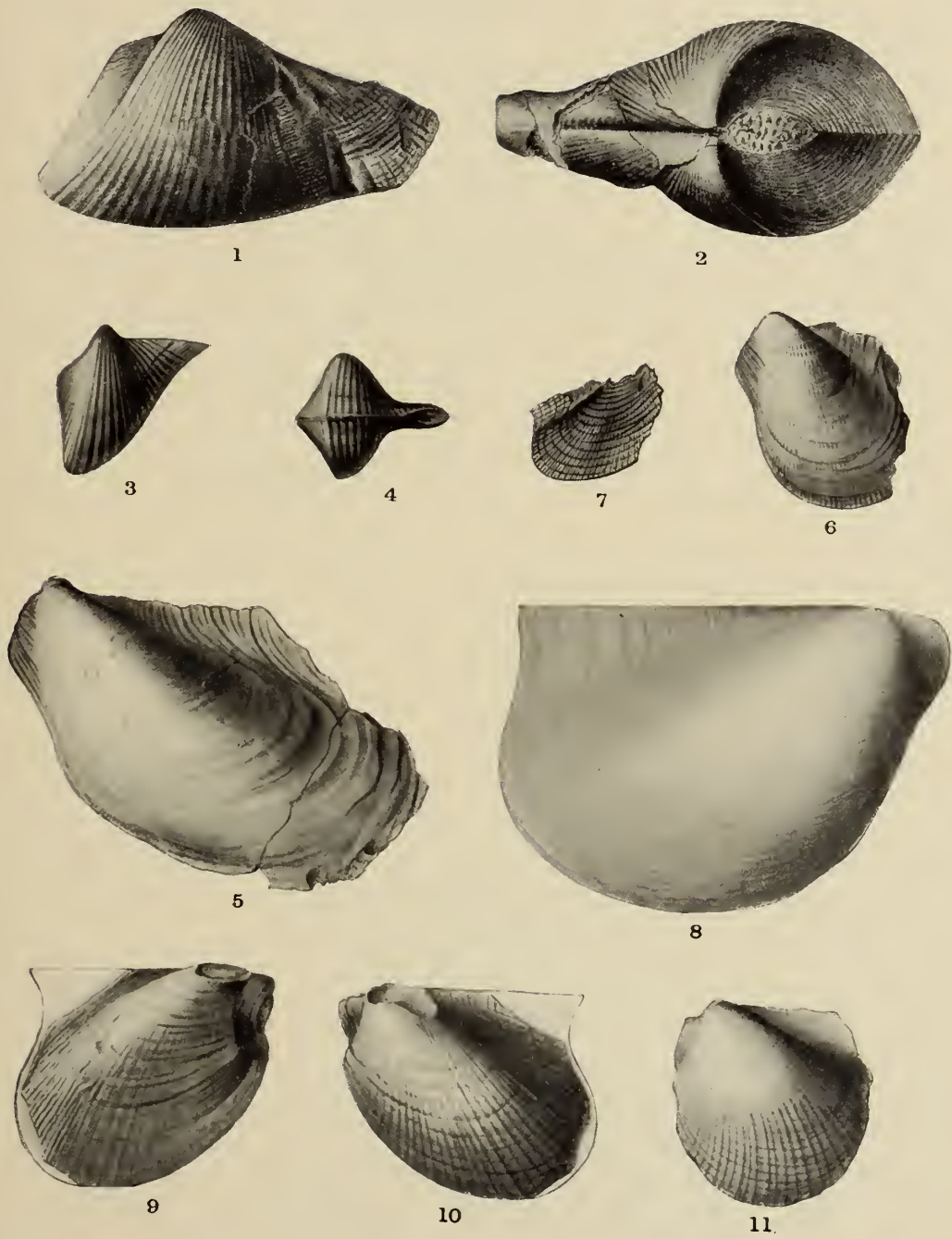
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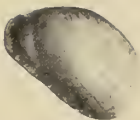
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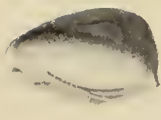
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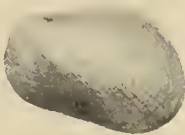
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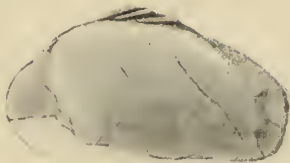
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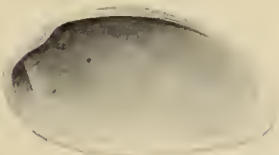
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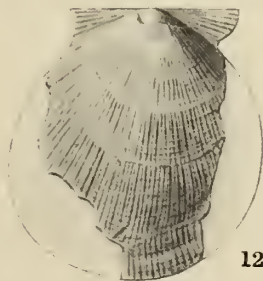
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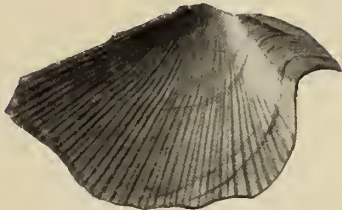
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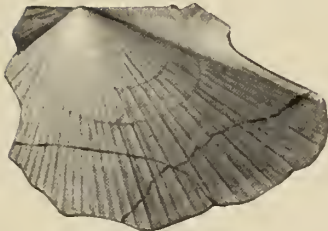
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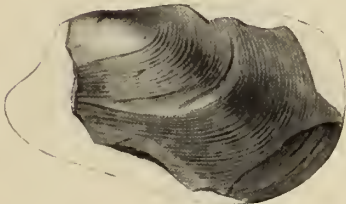
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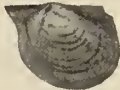
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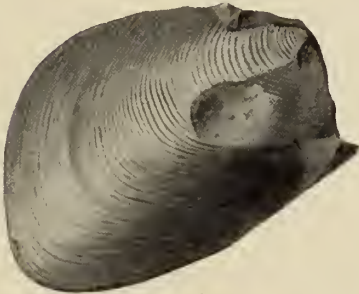
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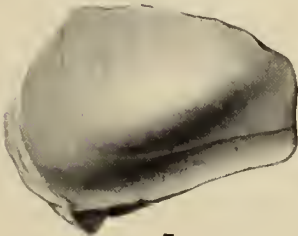
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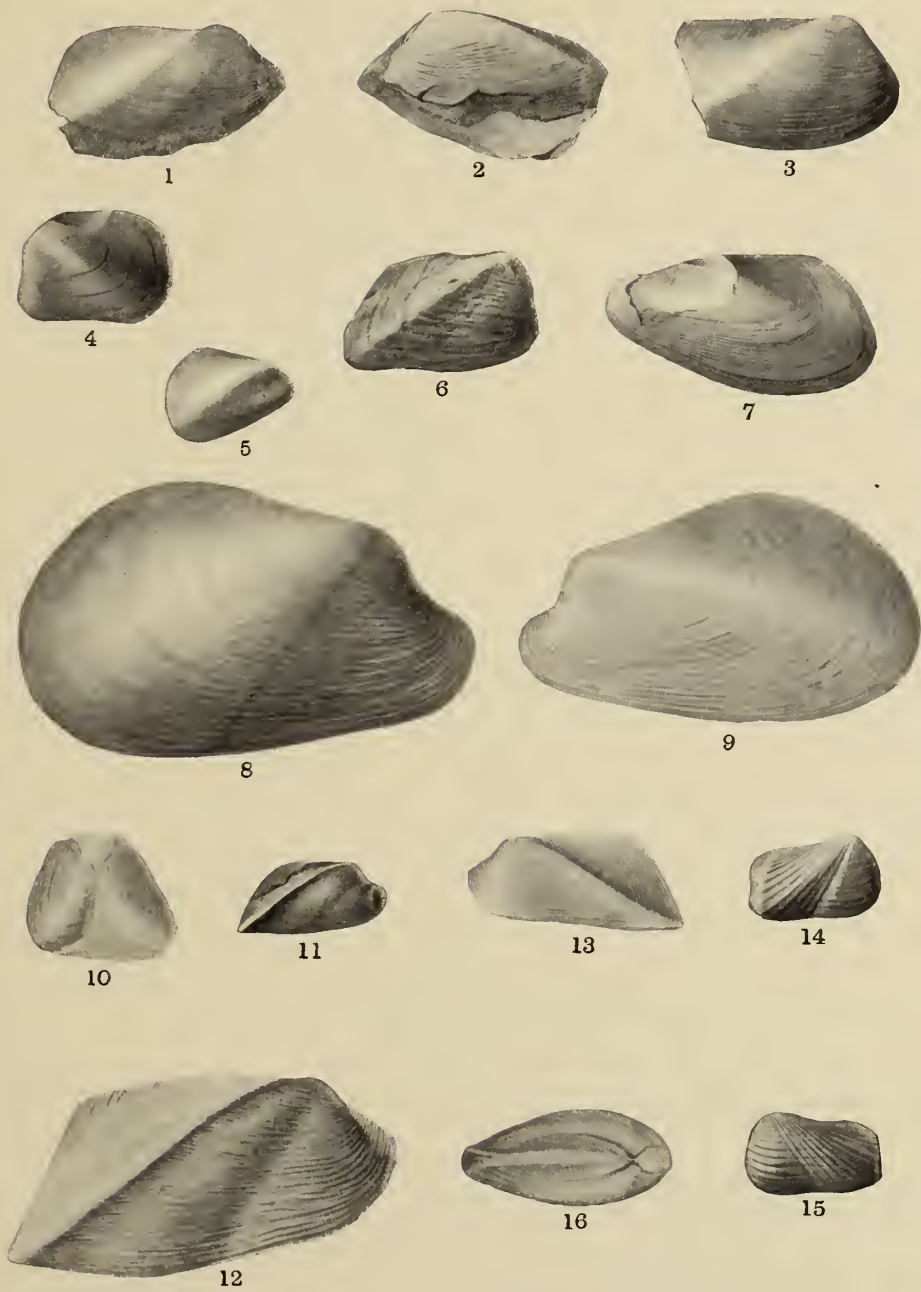
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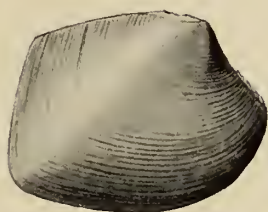
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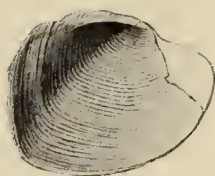
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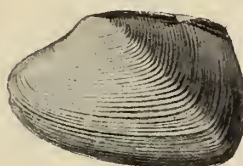
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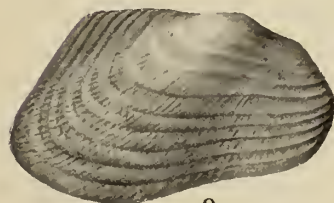
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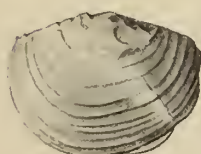
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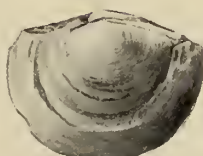
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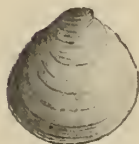
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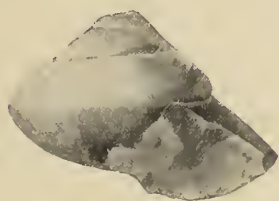
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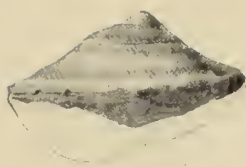
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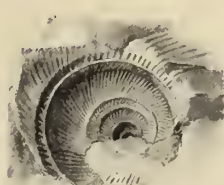
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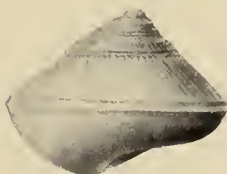
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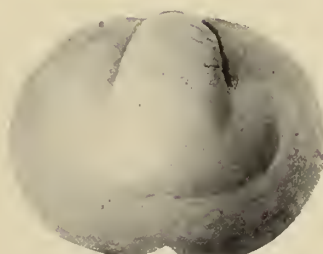
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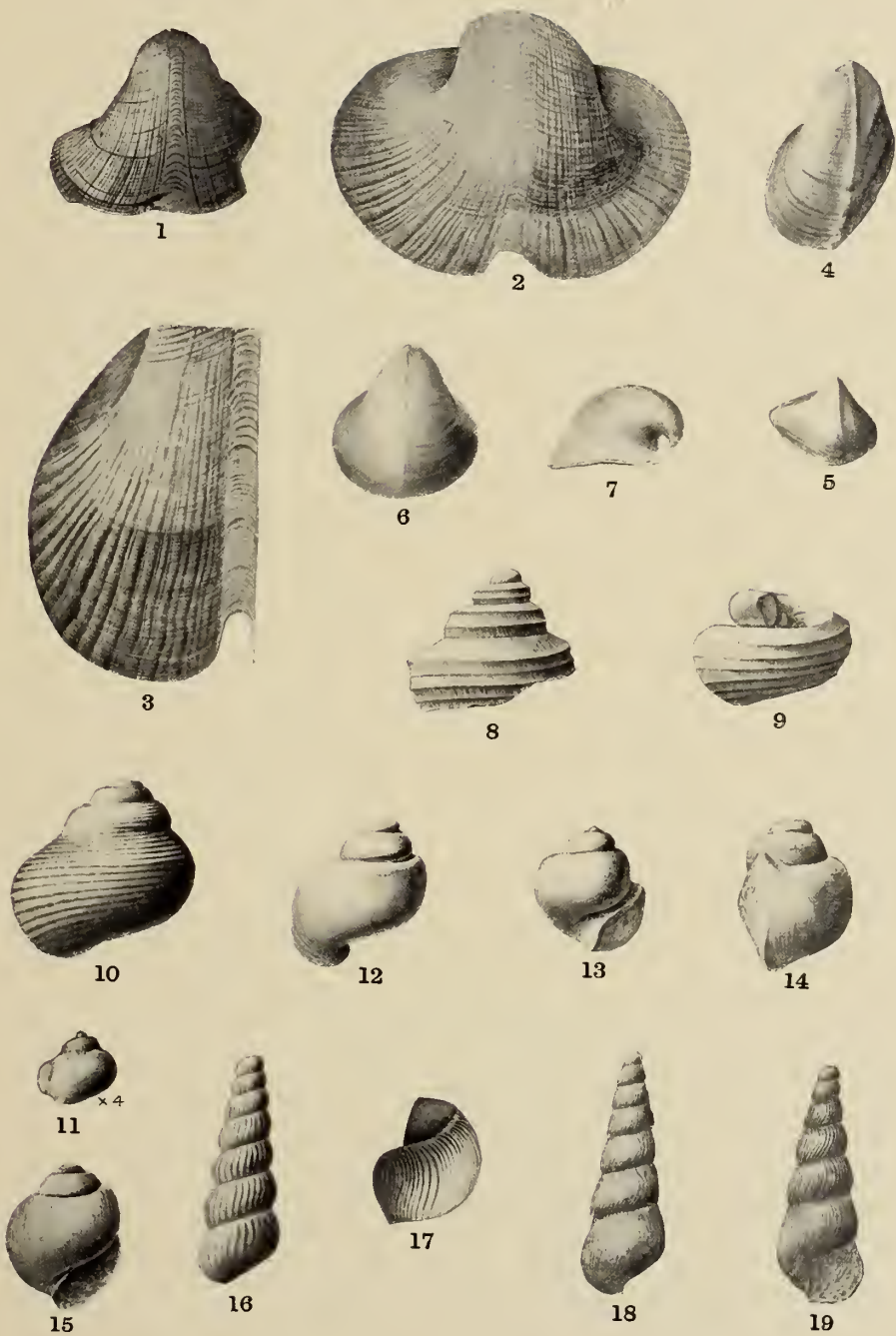
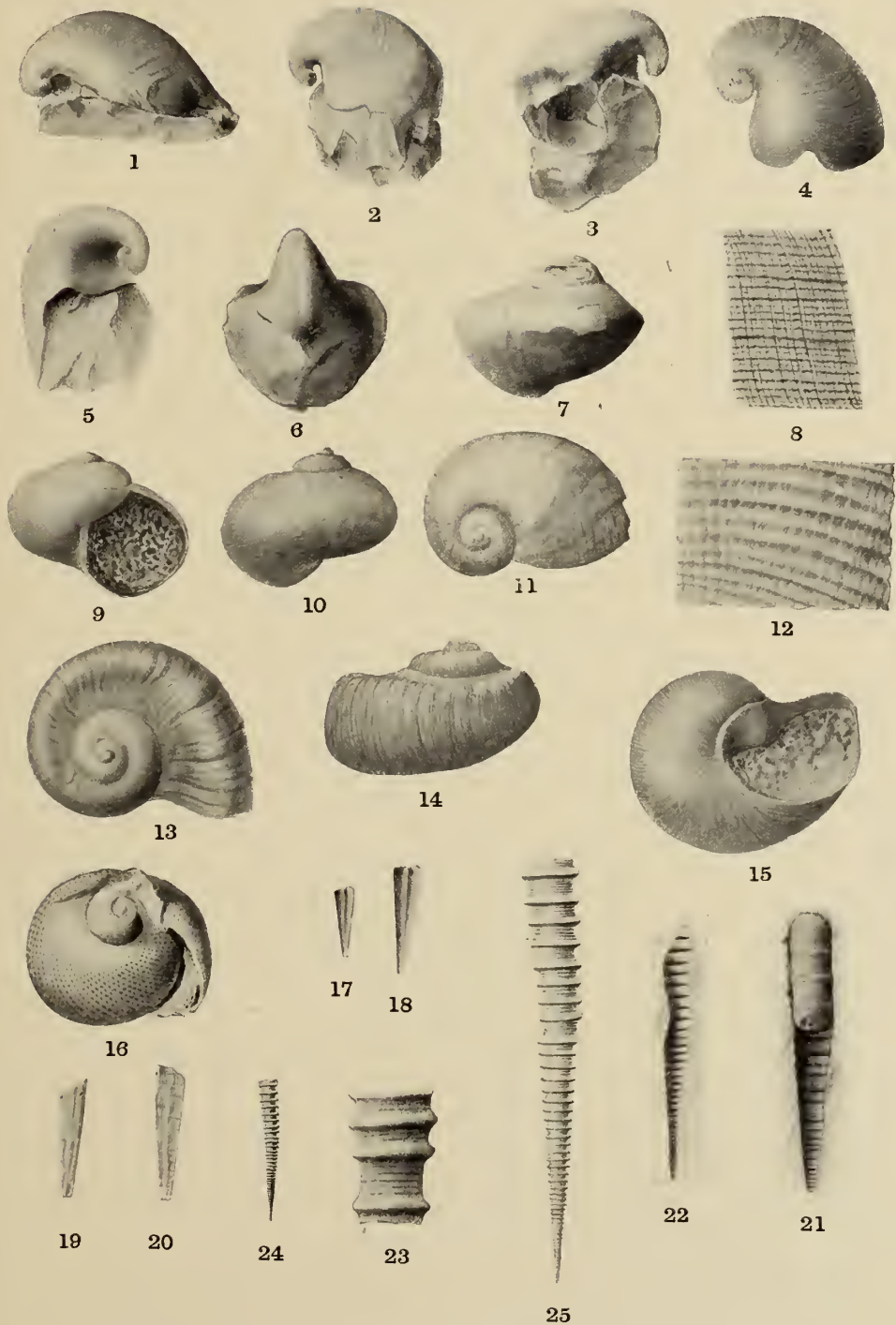


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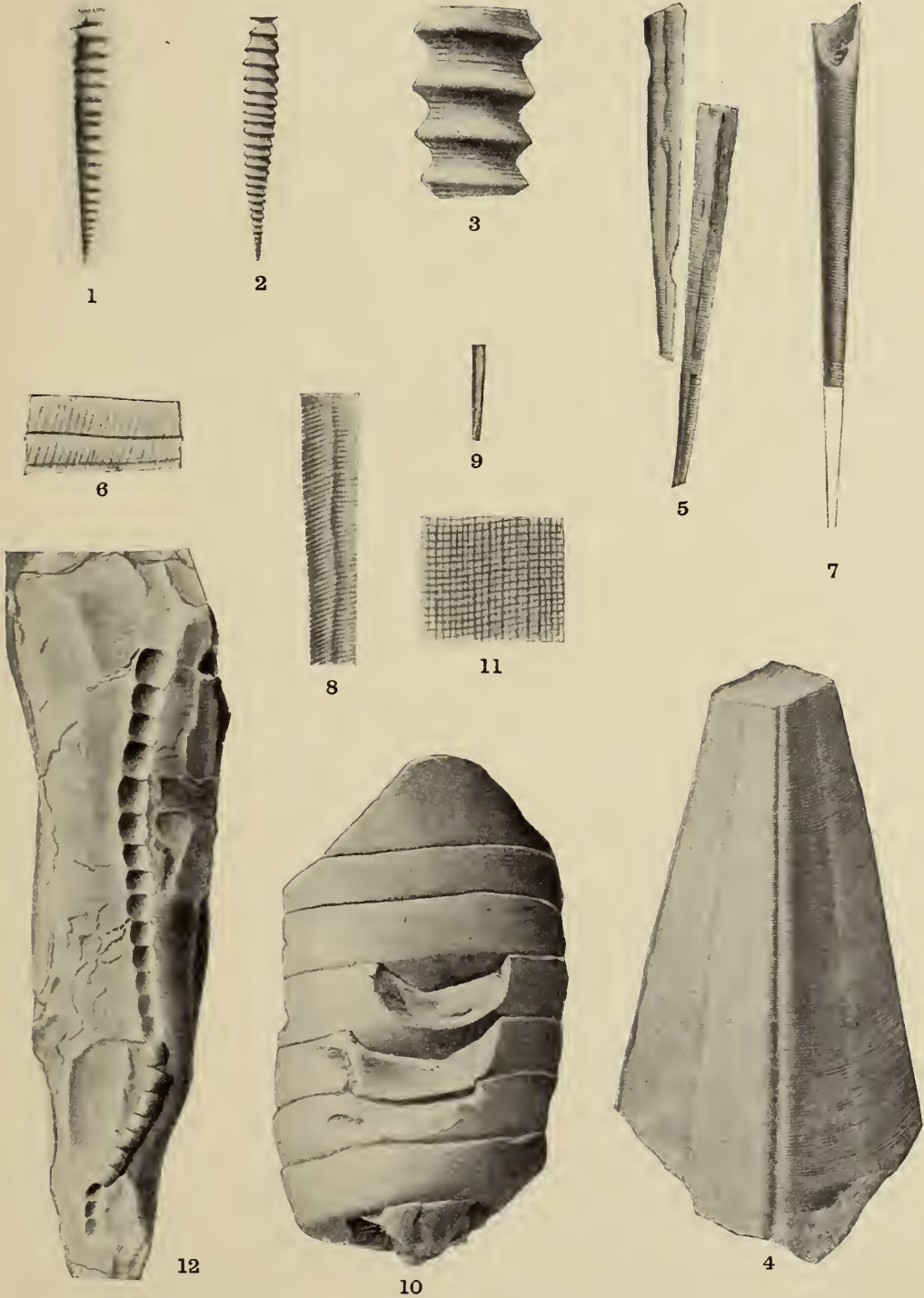
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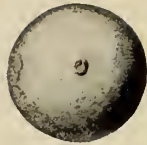
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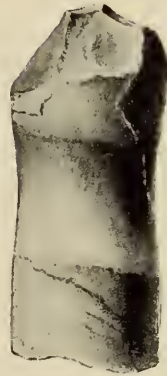
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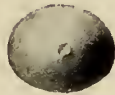
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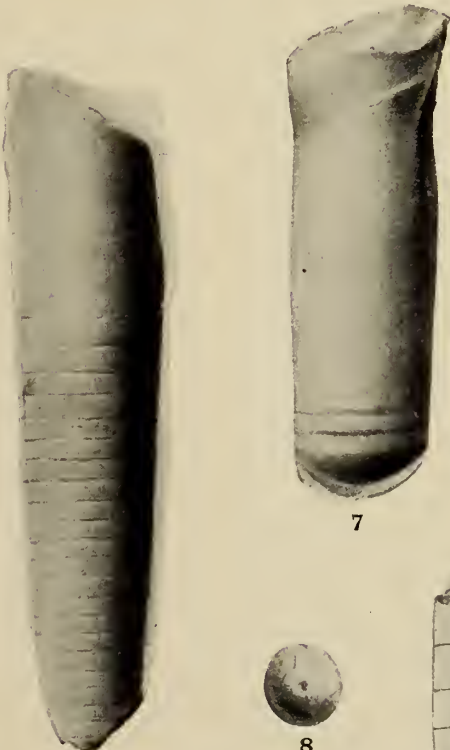
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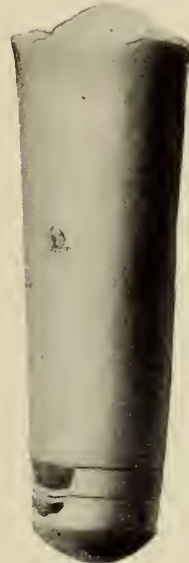
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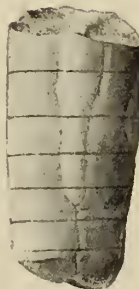
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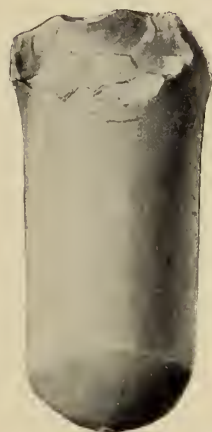
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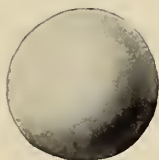
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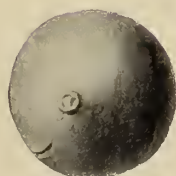
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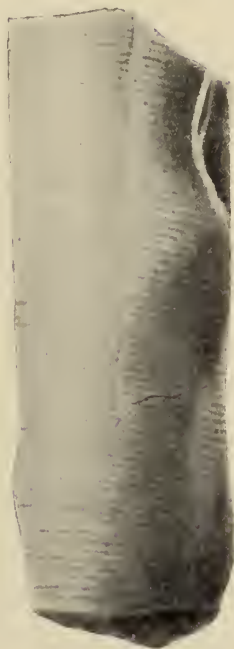
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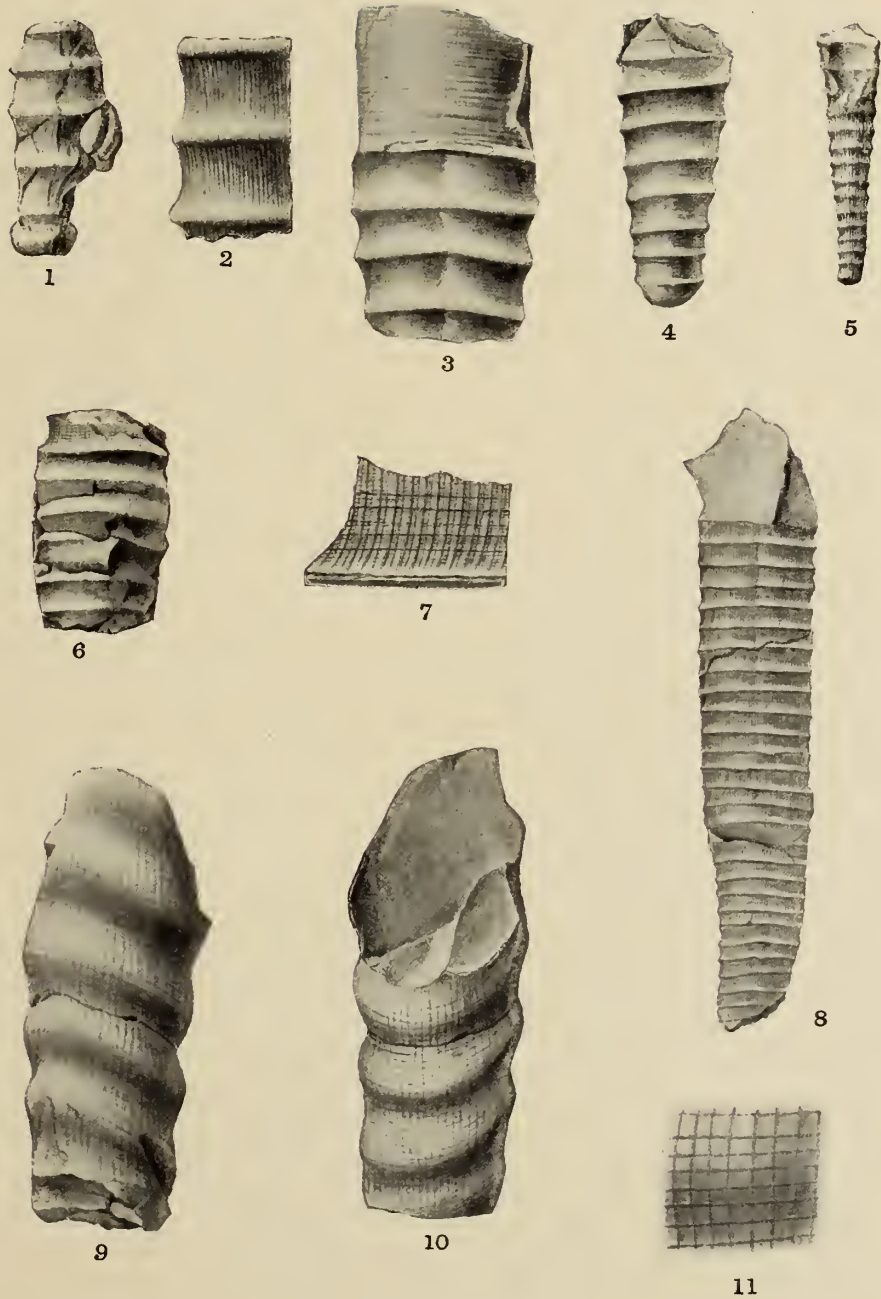


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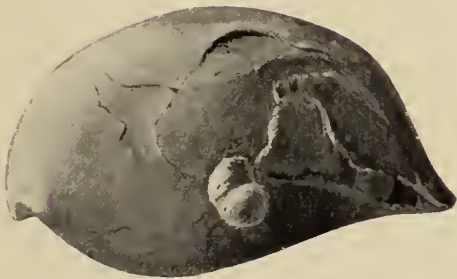


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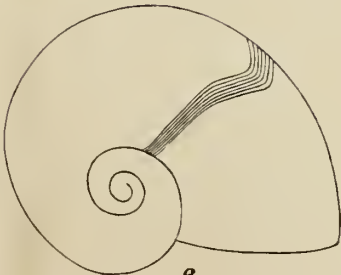
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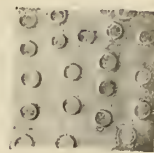
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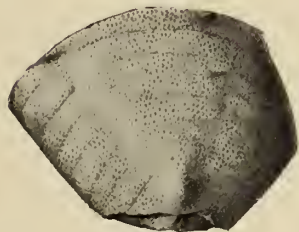
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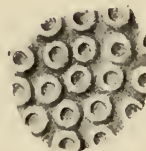
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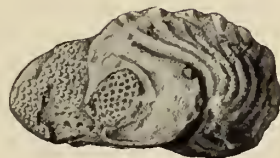
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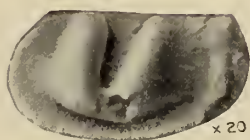


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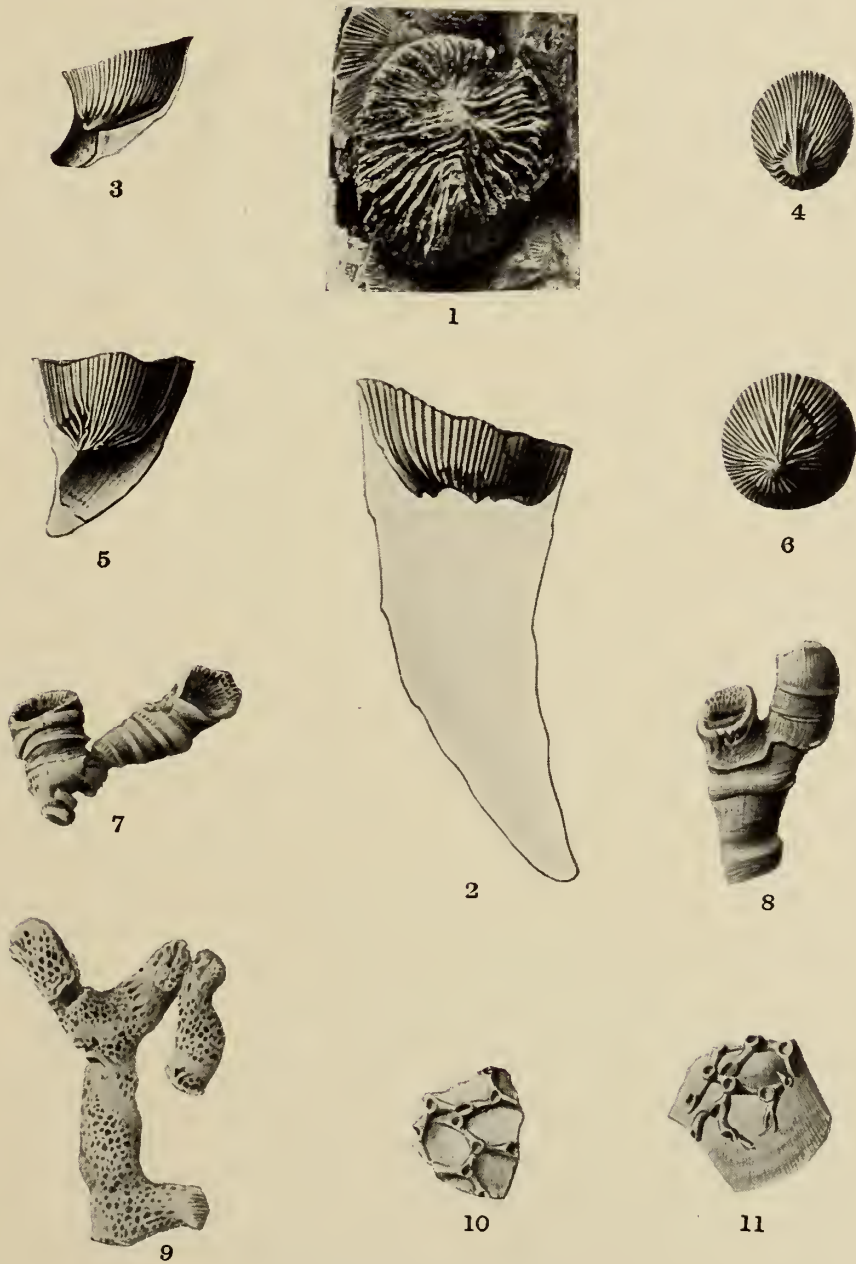
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¹ The figures following localities indicate the altitude in feet above the base of the Jennings formation at which the specimens were found.



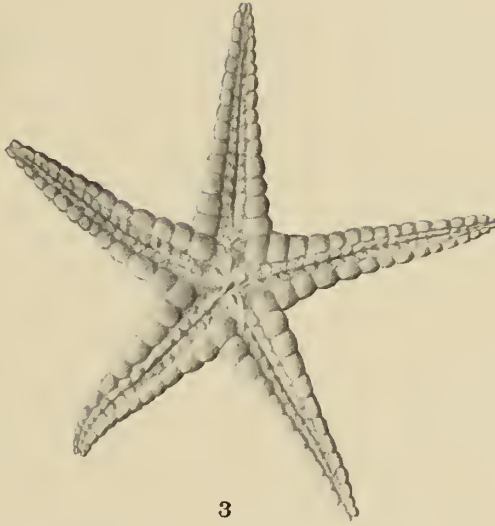
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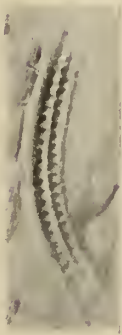
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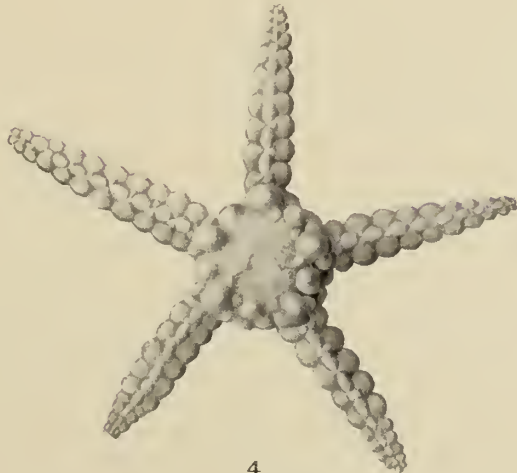
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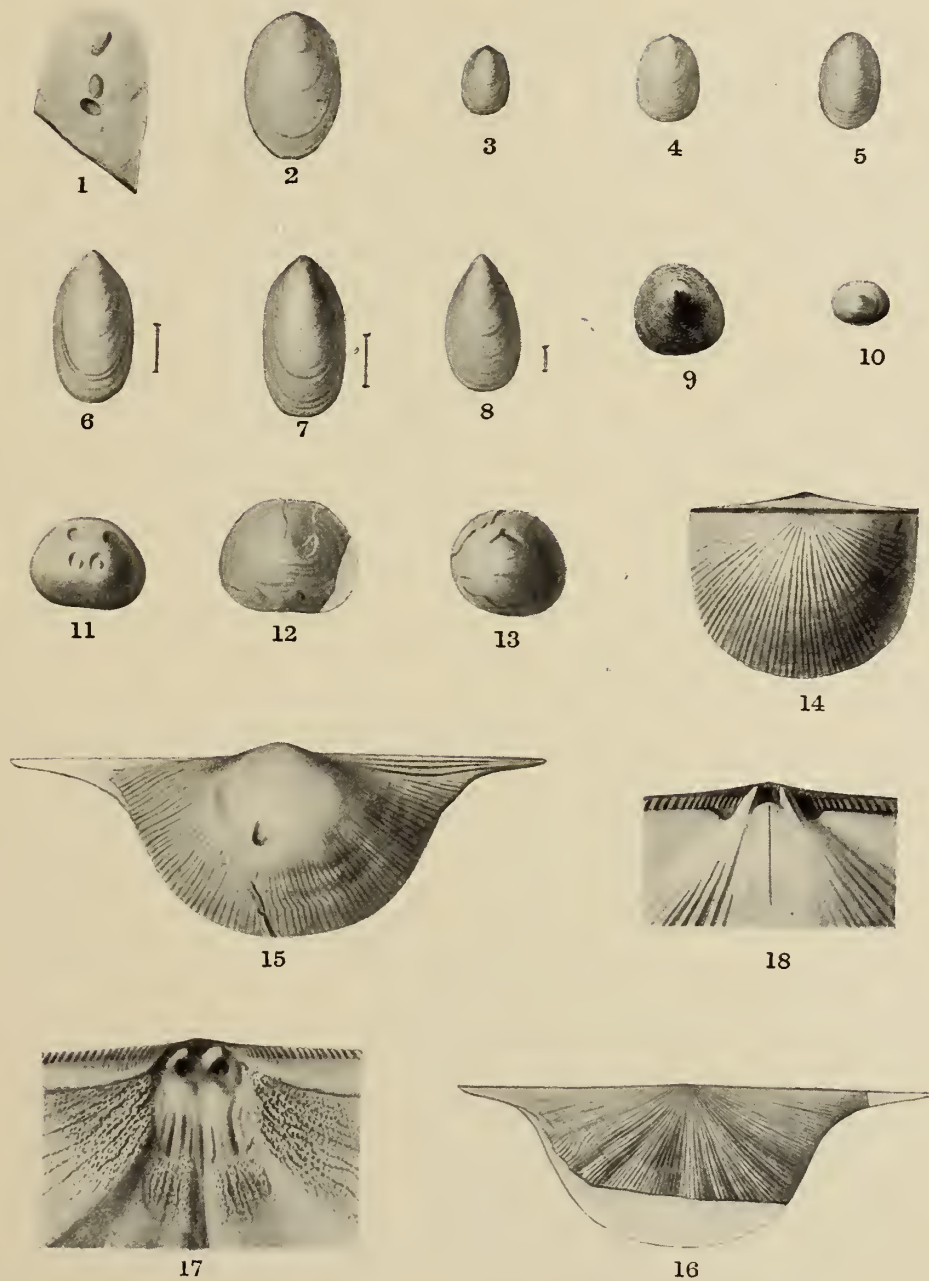
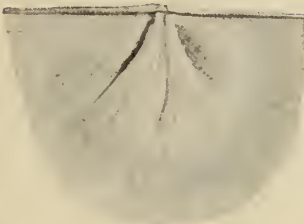
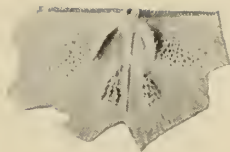


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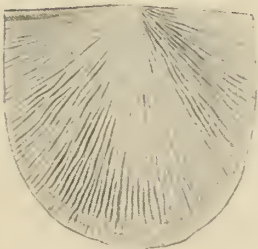
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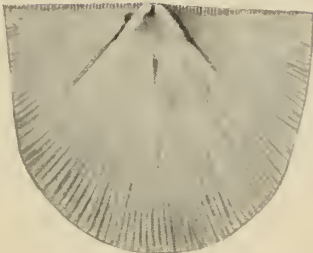
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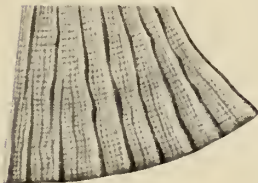
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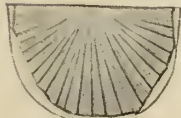
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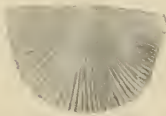
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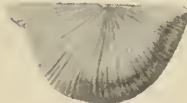
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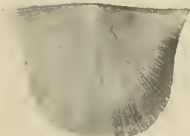
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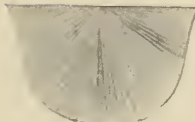
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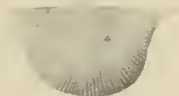
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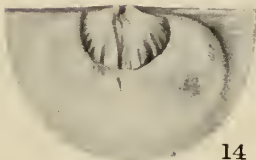
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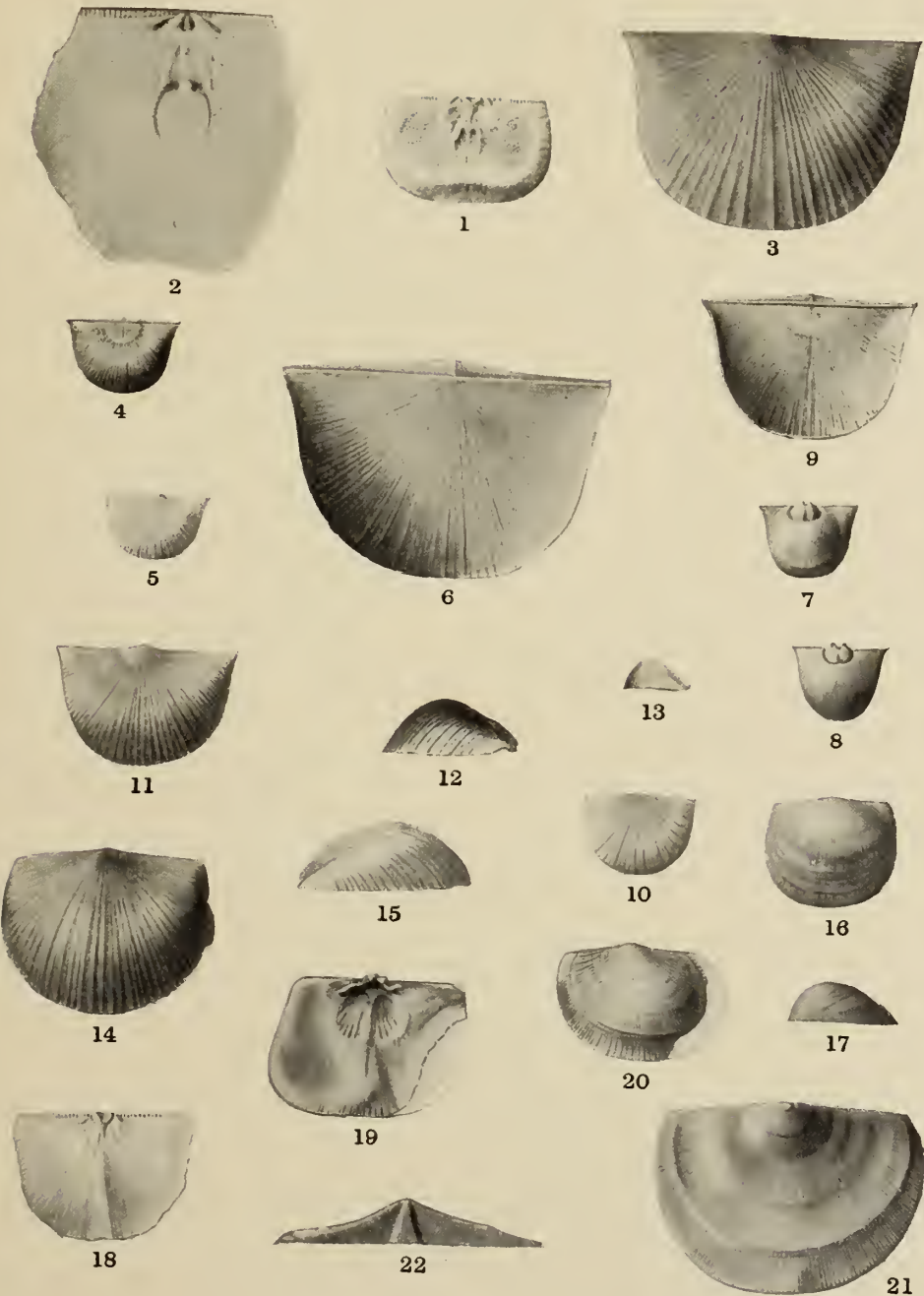
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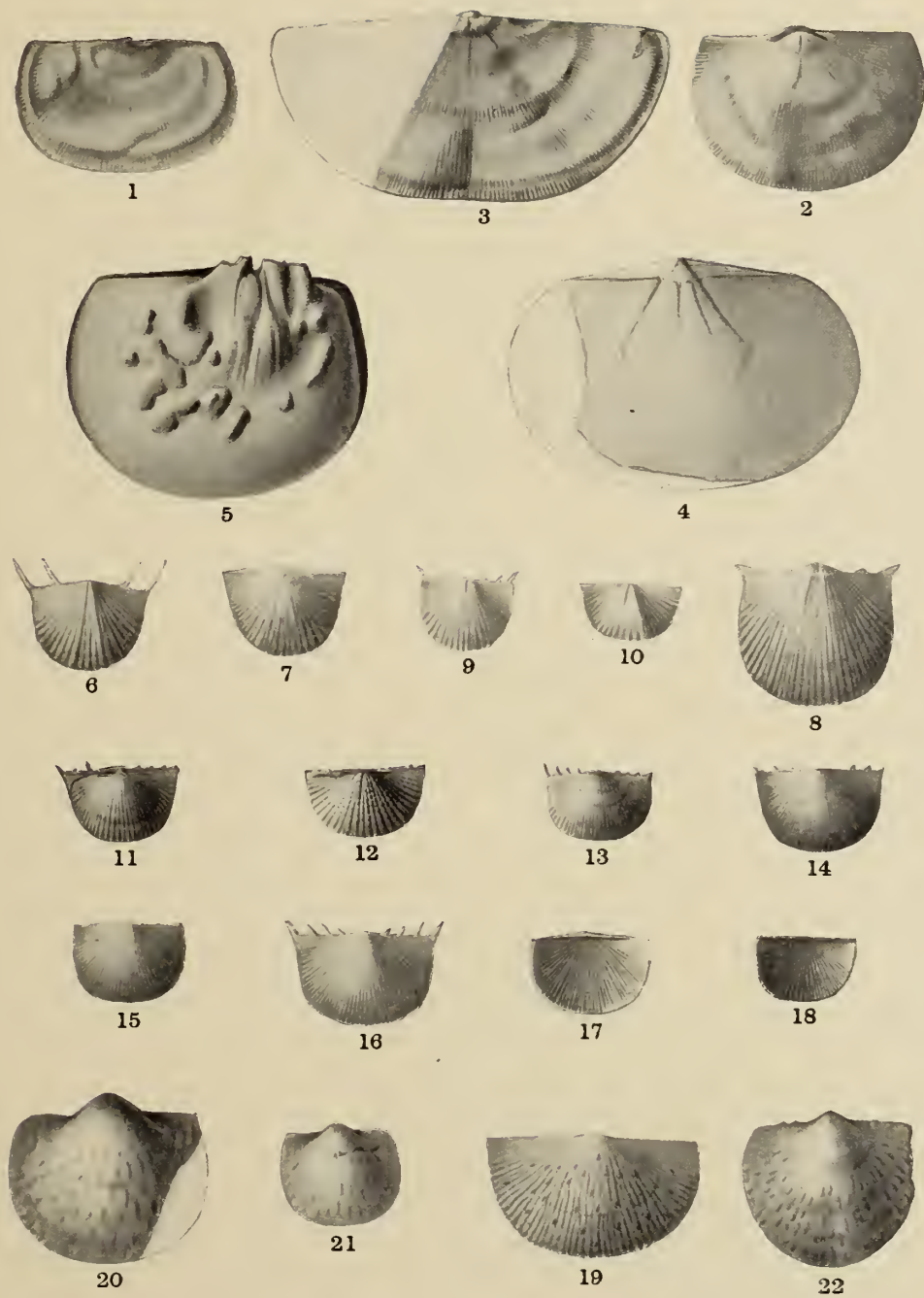


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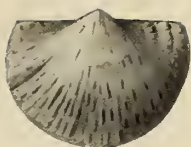
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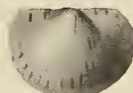
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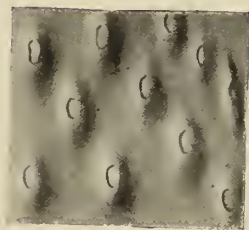
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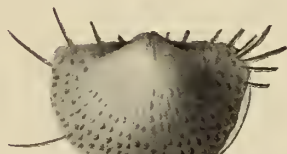
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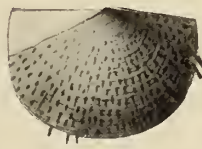
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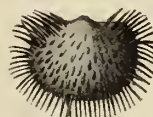
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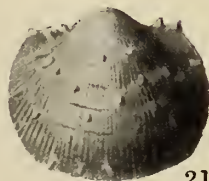
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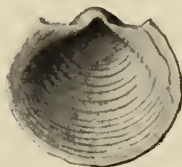
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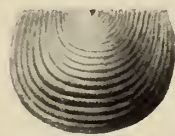
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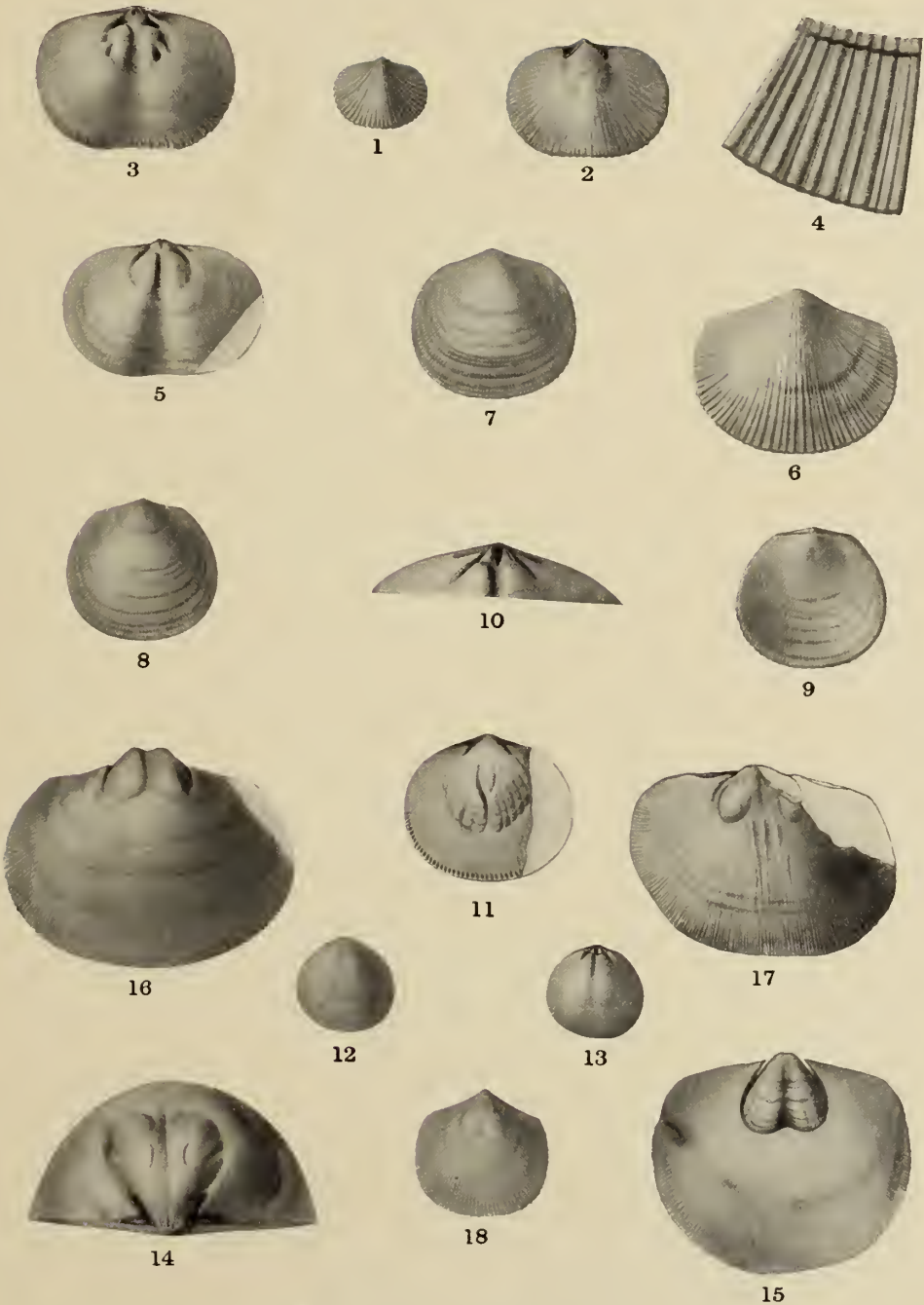
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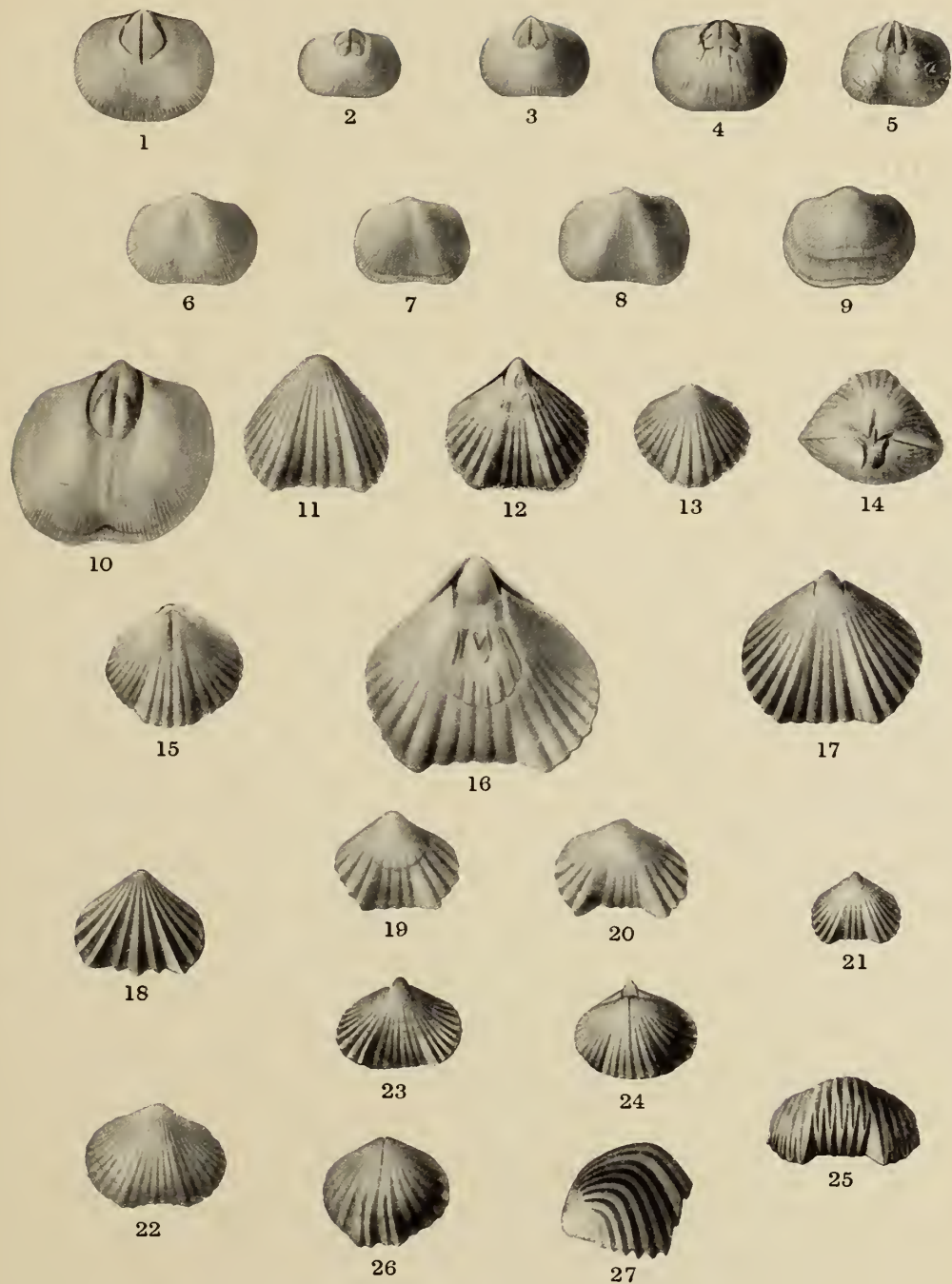


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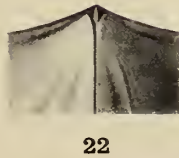
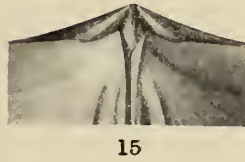
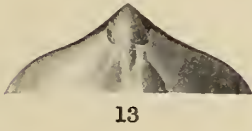


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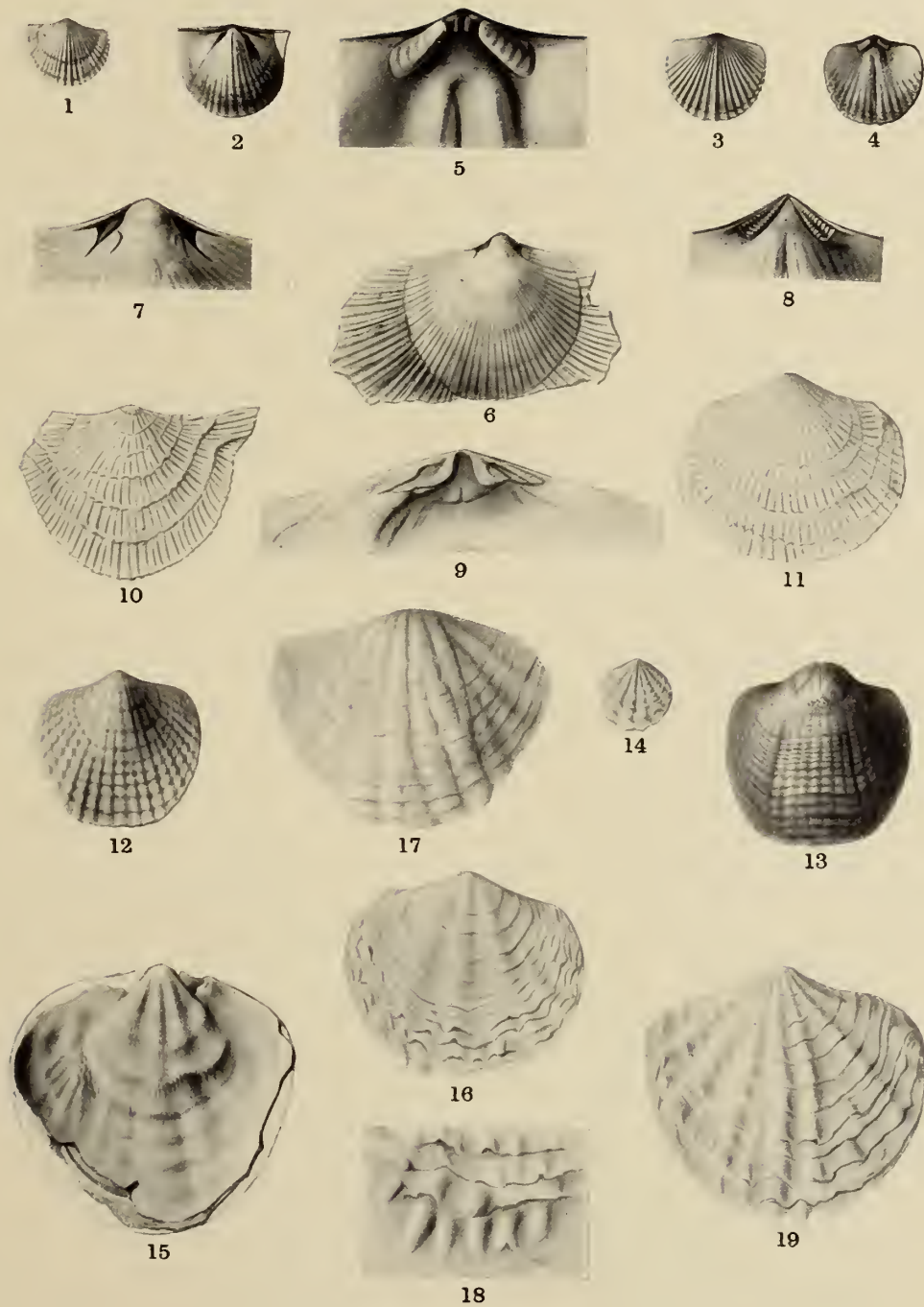
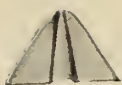


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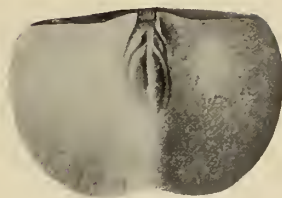
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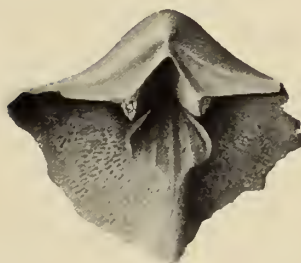
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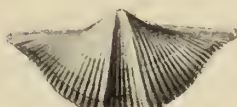
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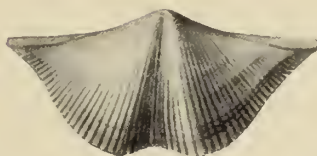
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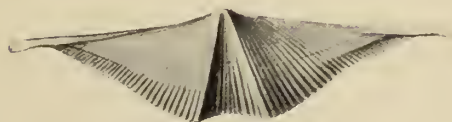
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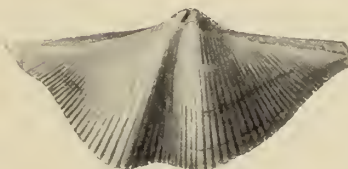
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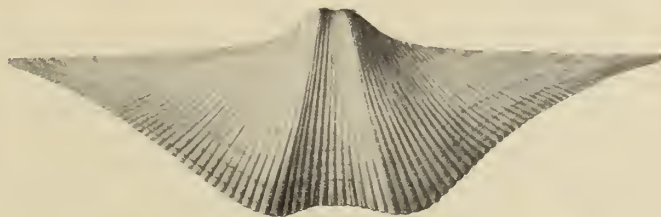
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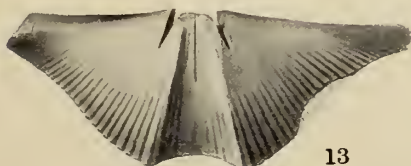
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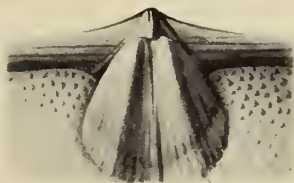
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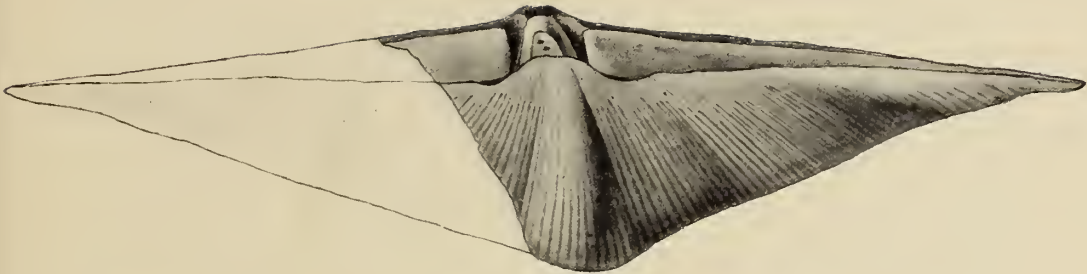
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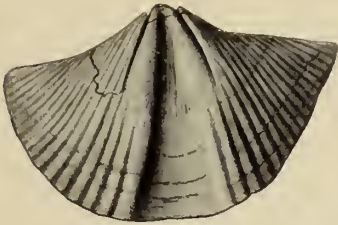
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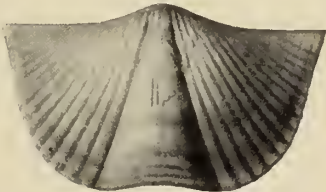
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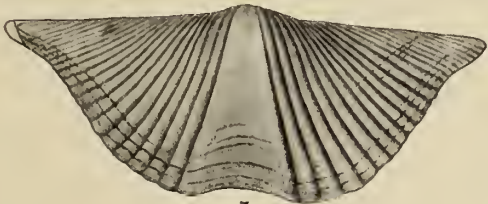
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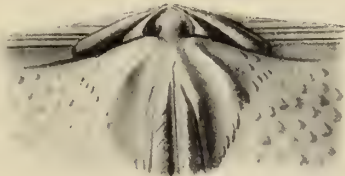
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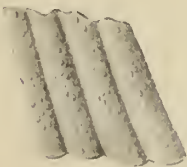
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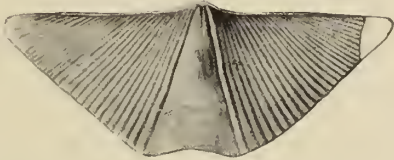
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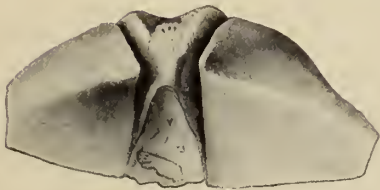
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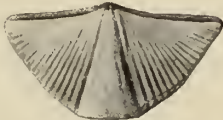
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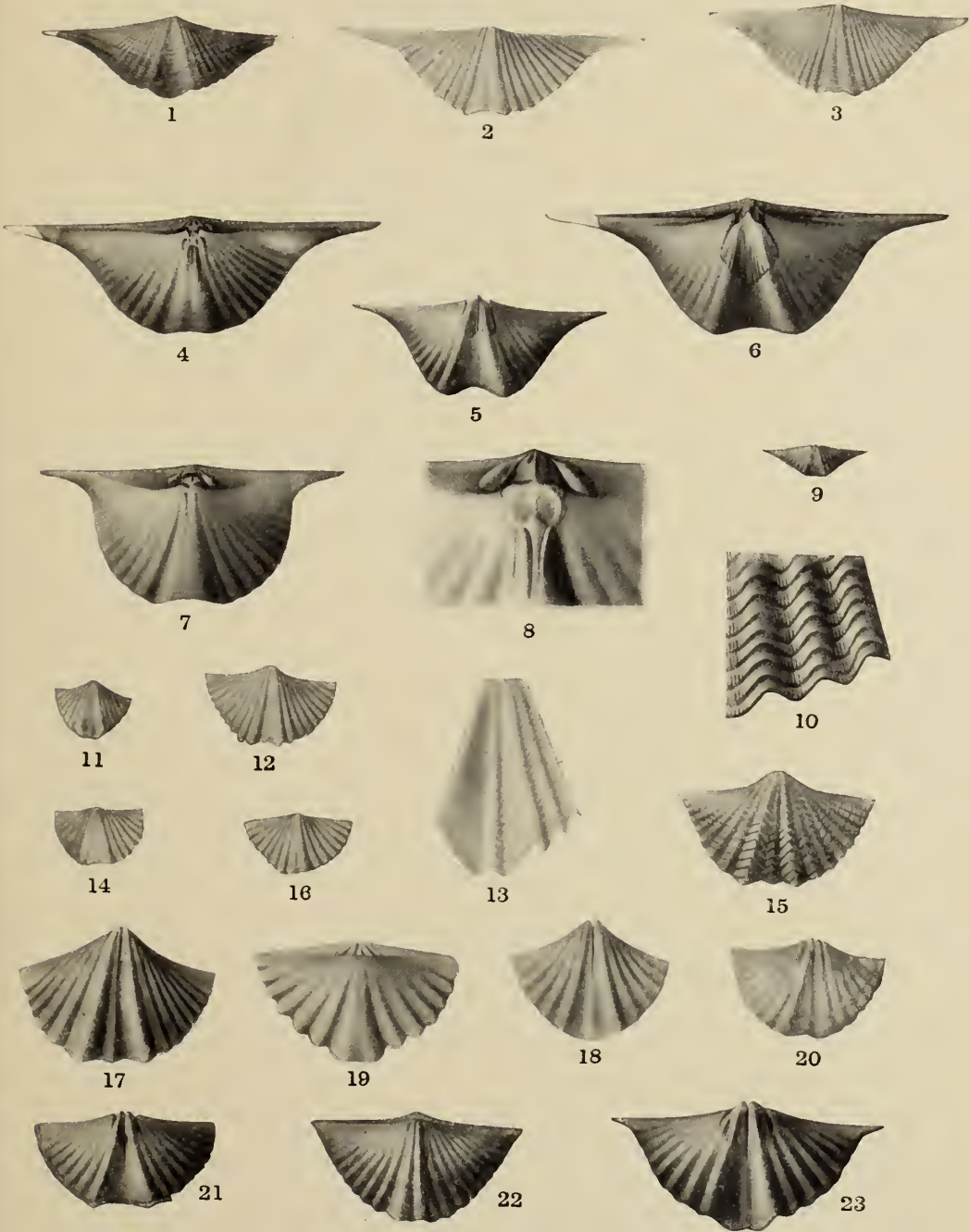
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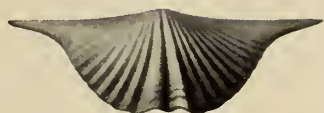
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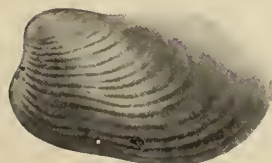
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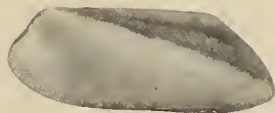
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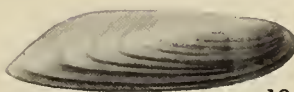
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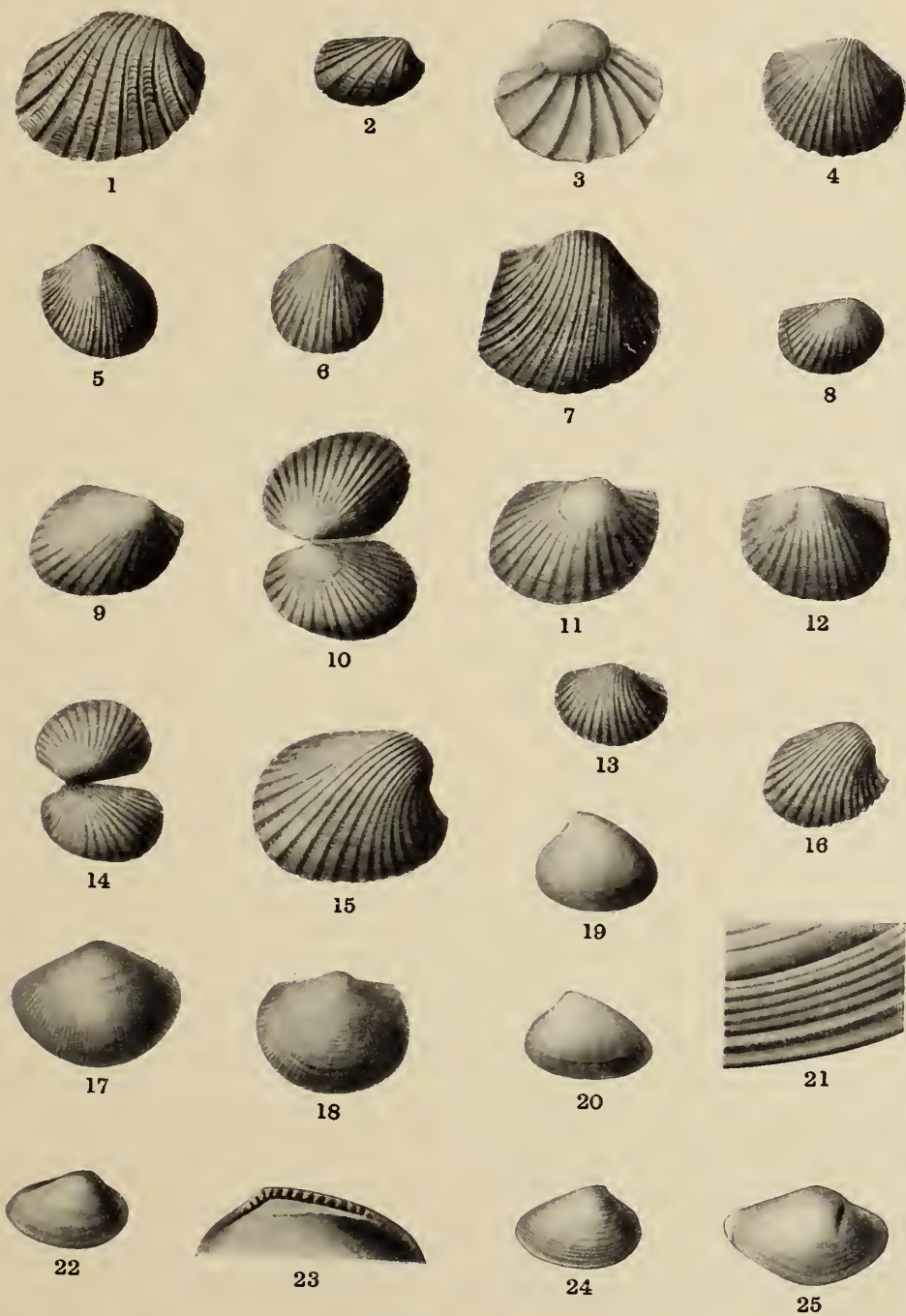
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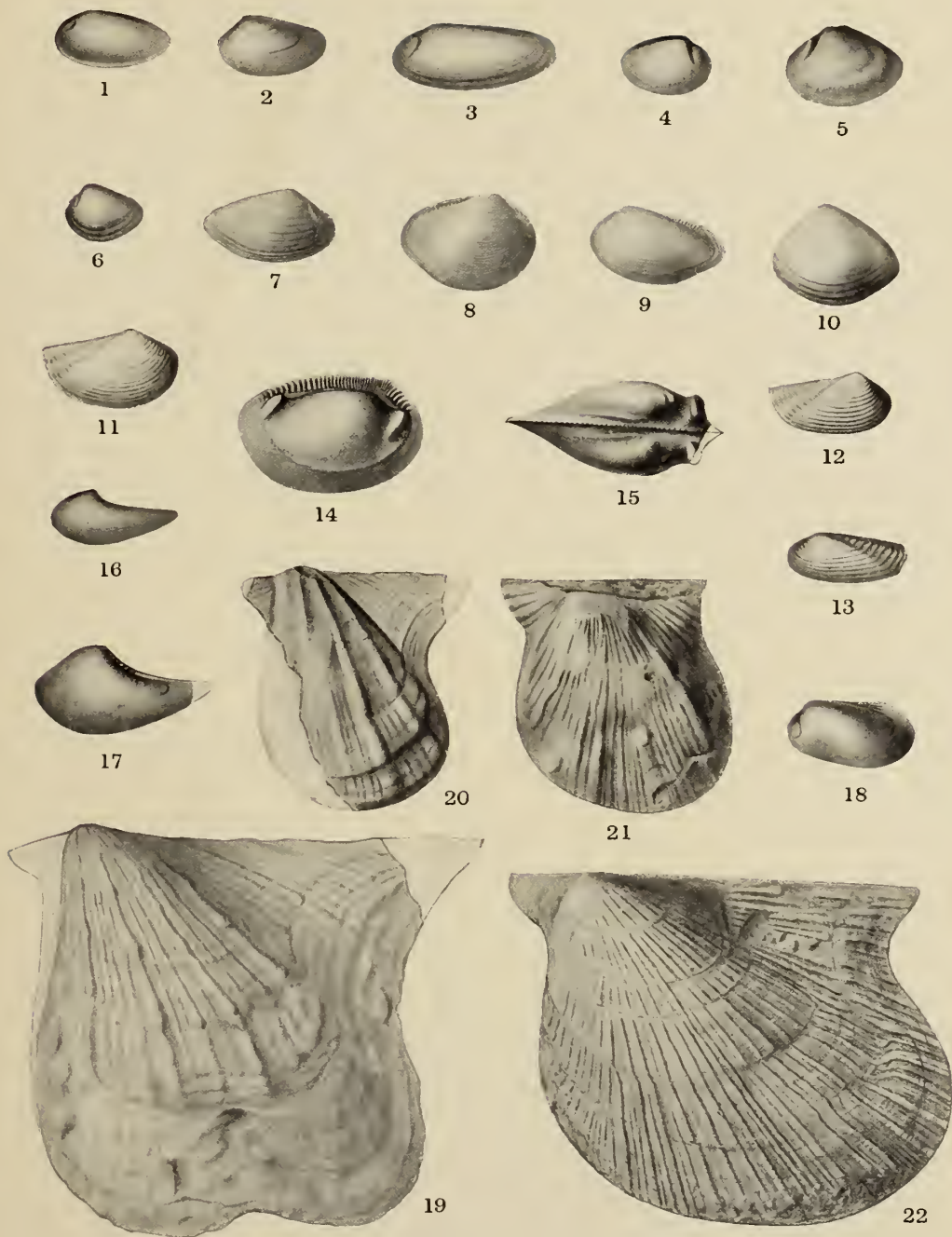


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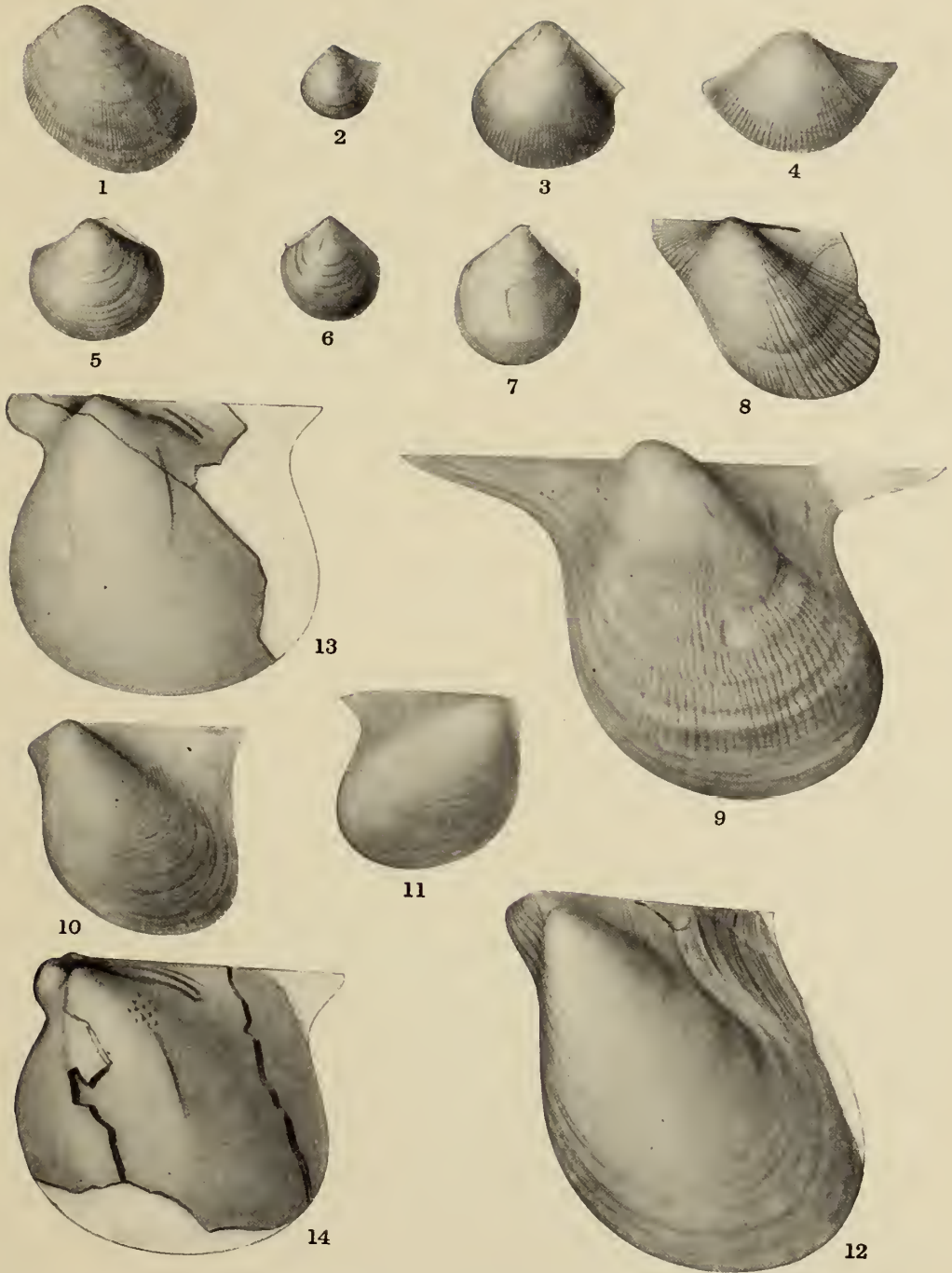


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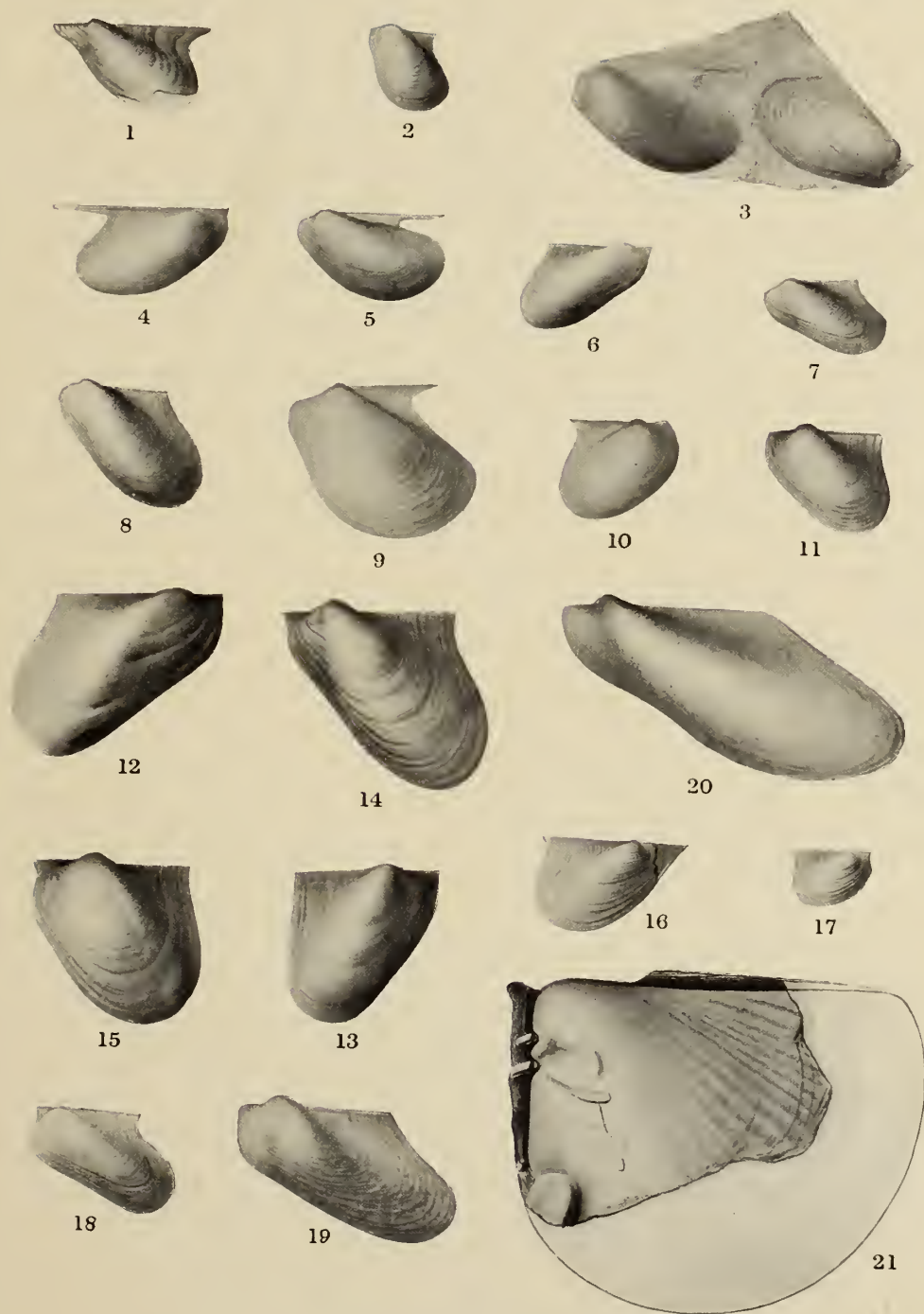
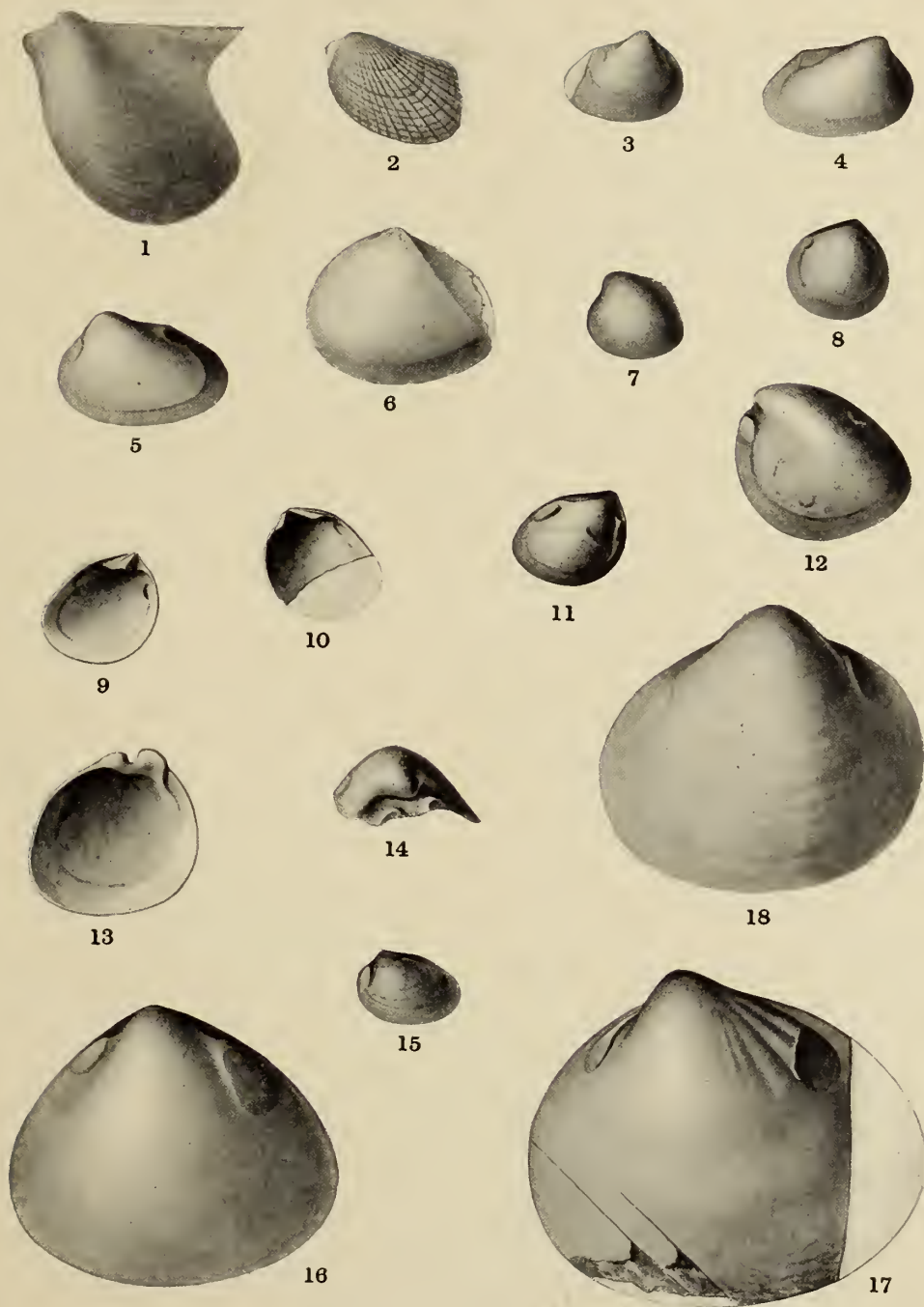


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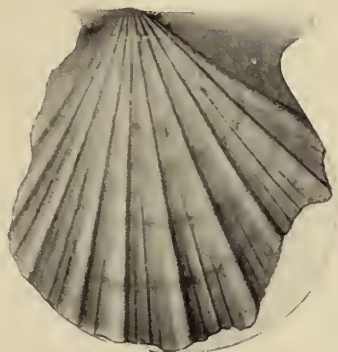
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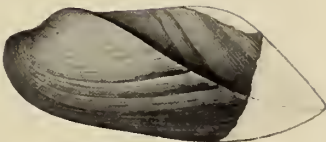
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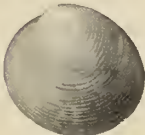
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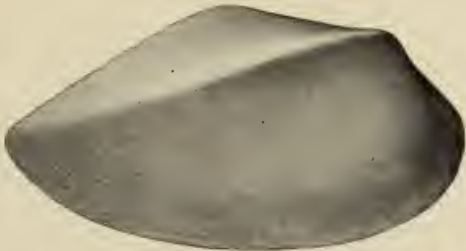
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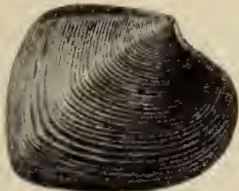
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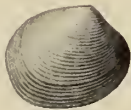
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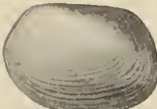
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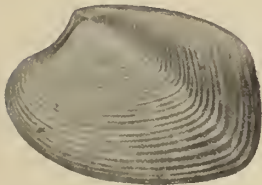
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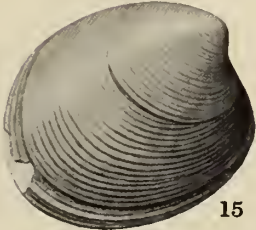
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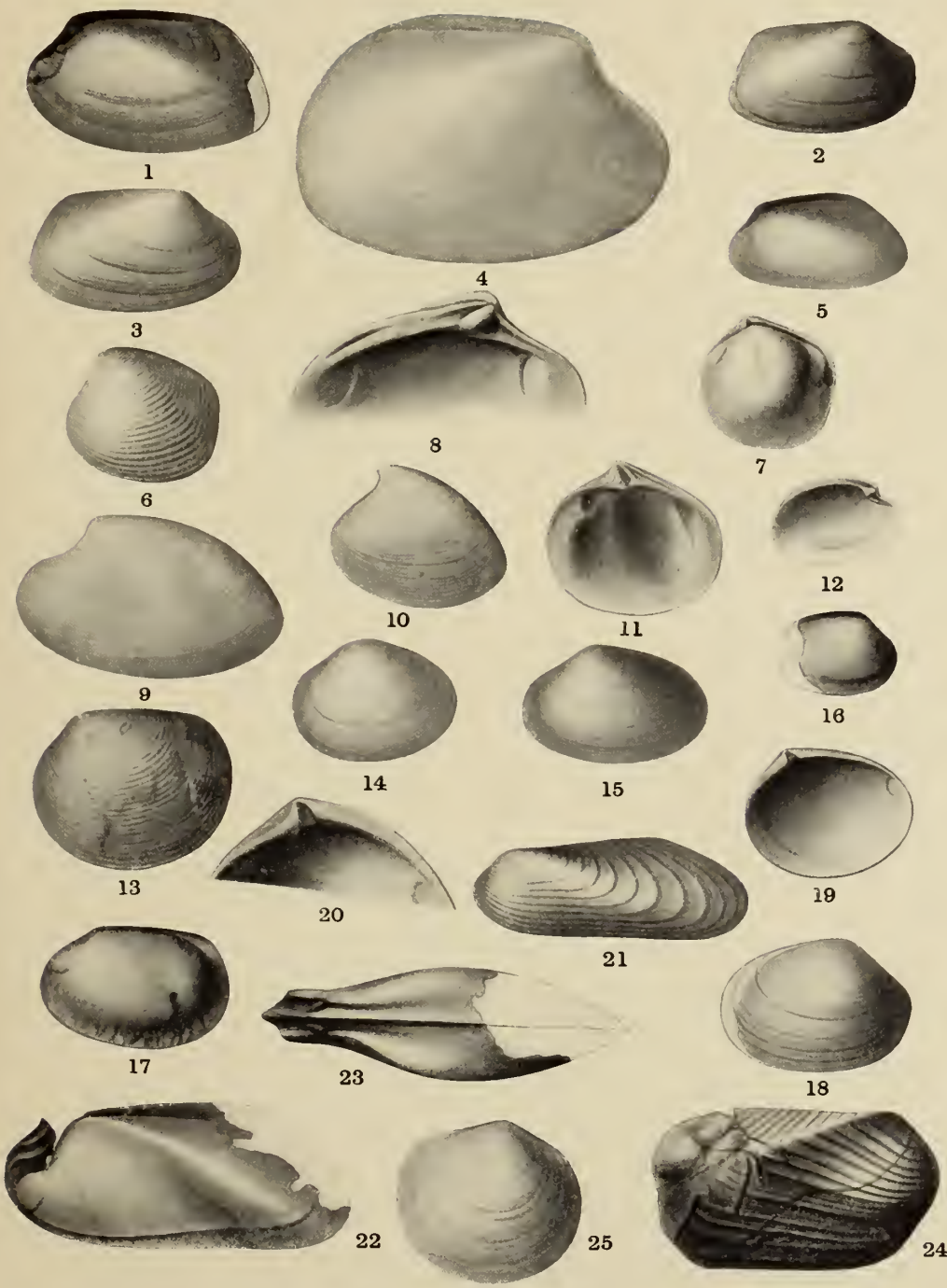


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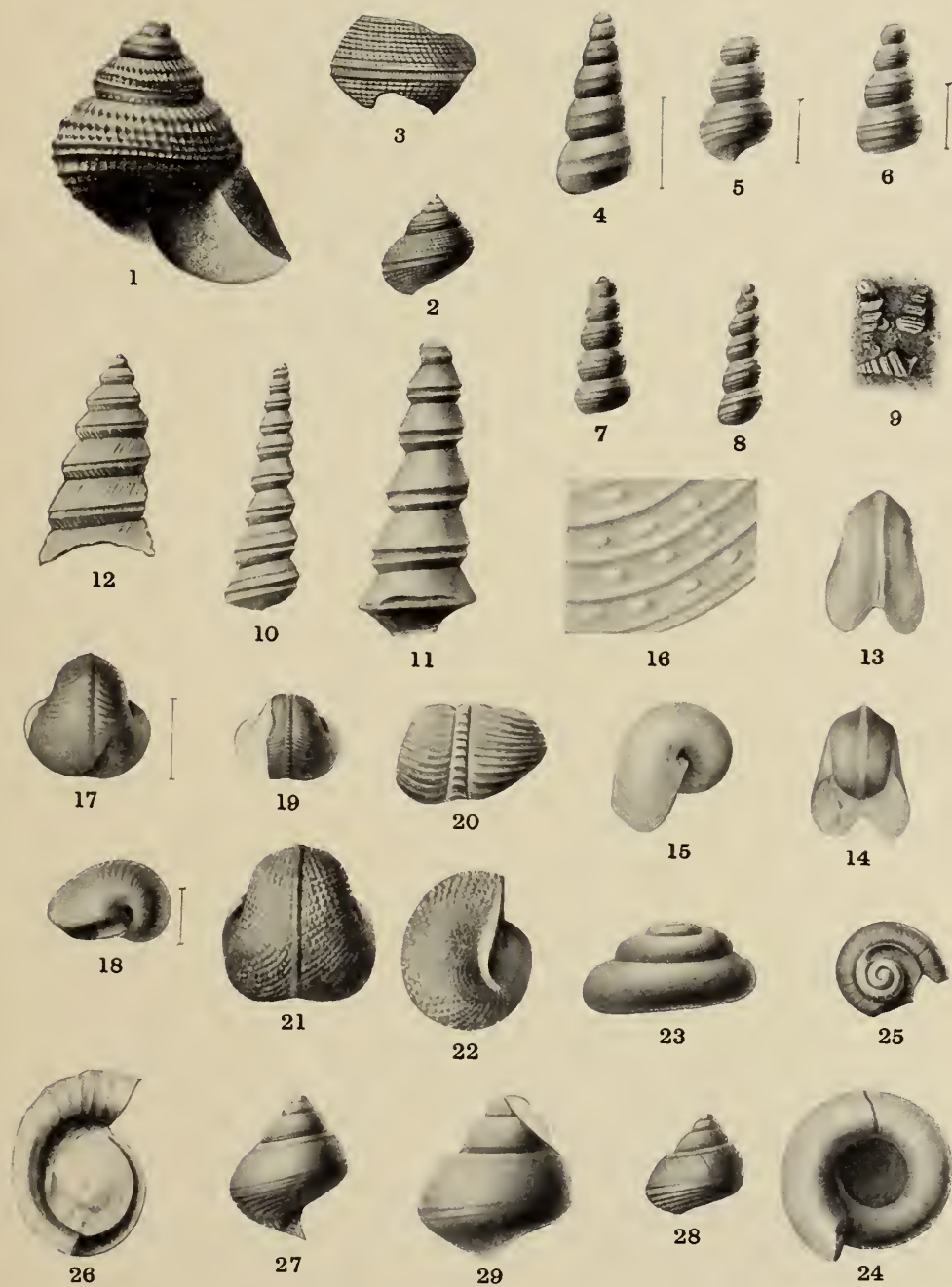


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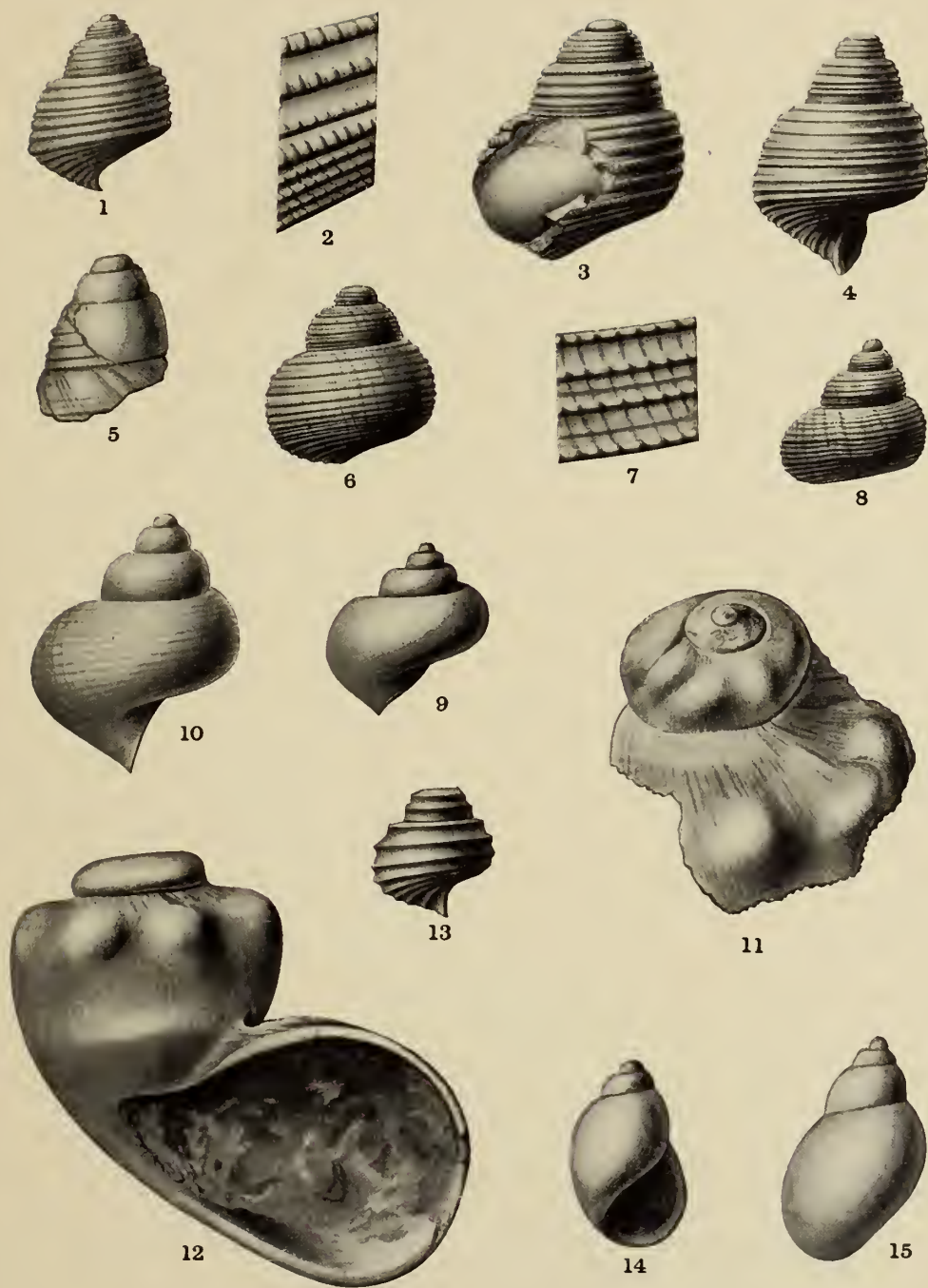
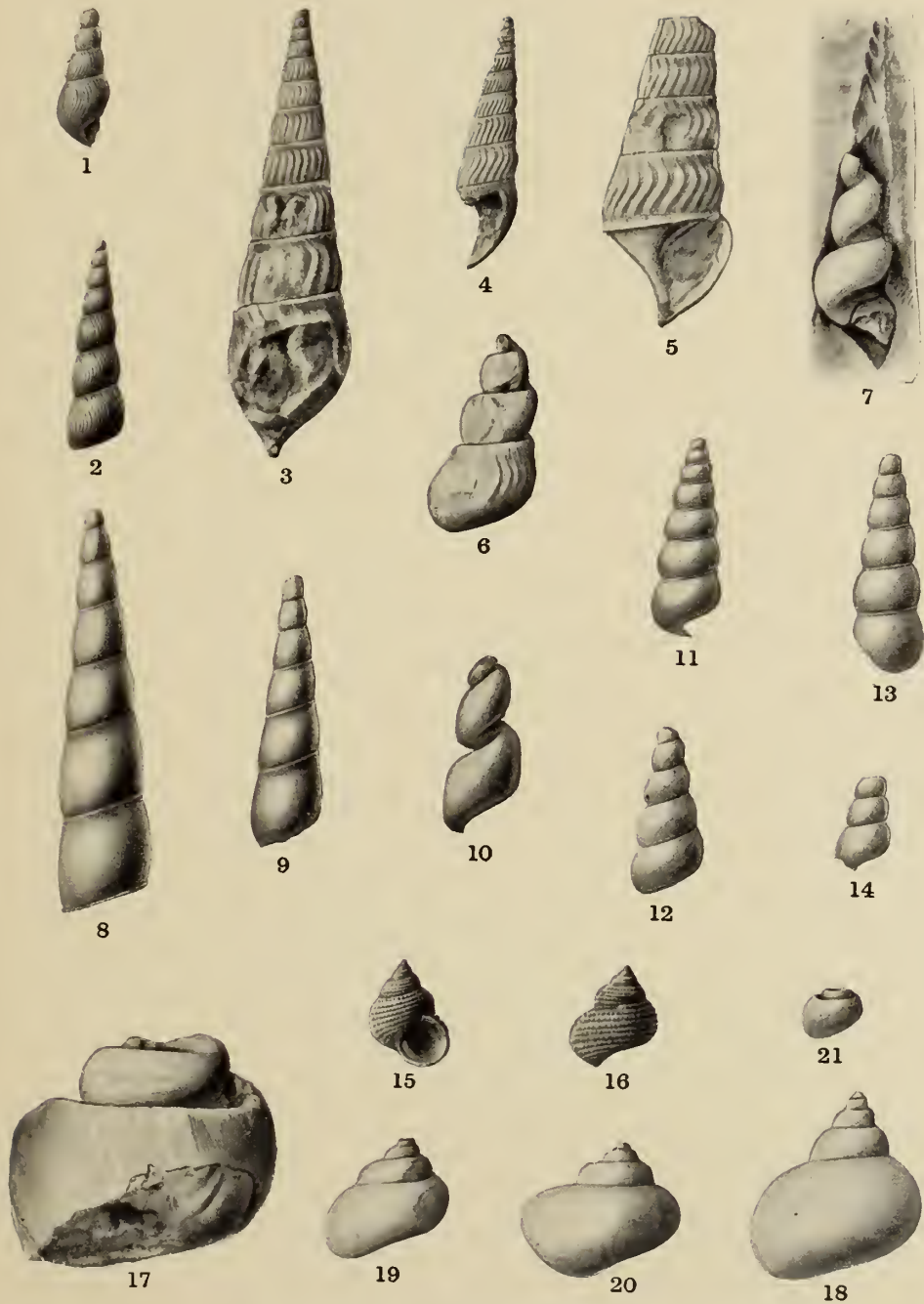


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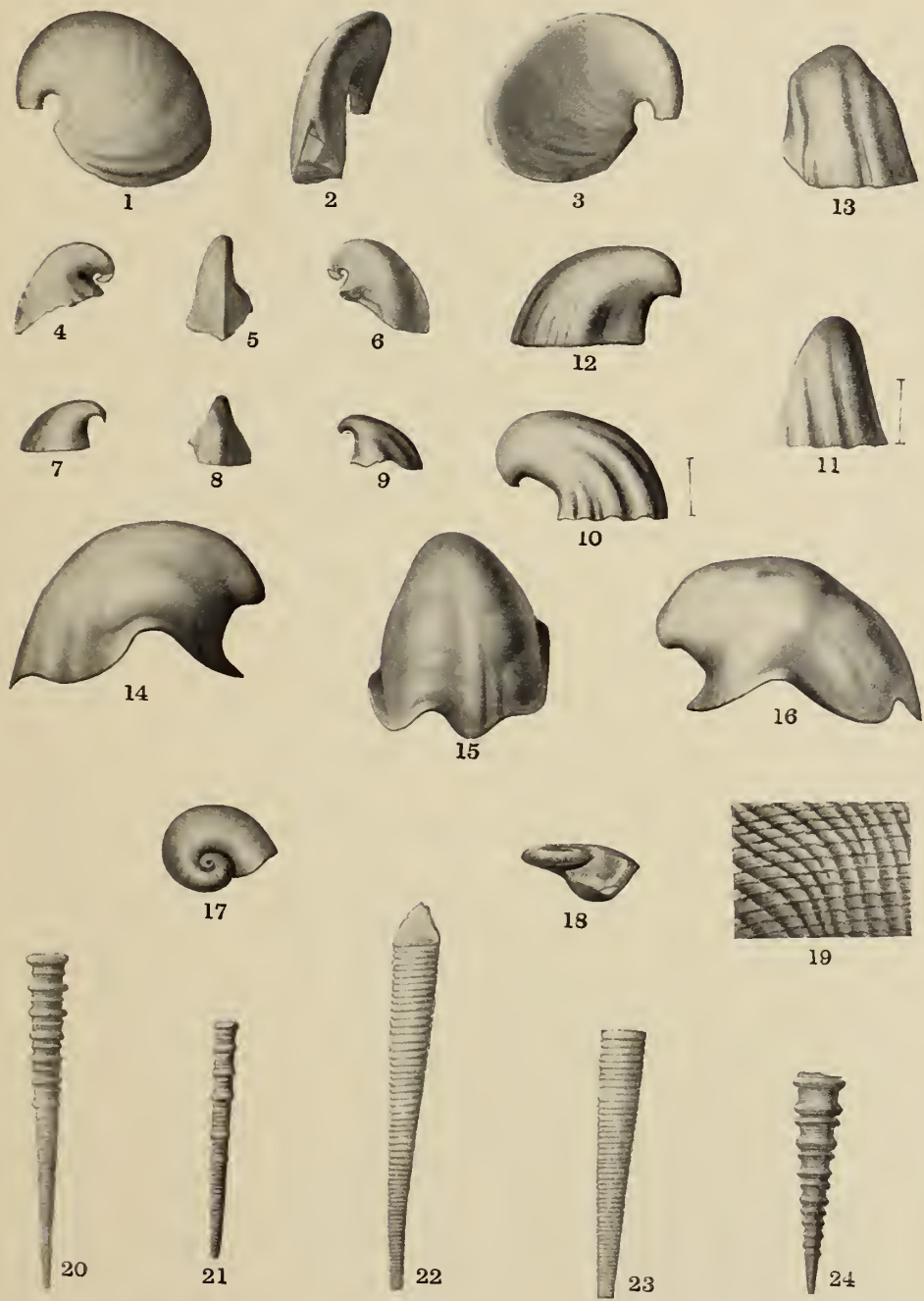
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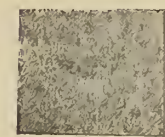
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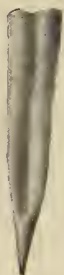
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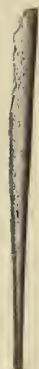
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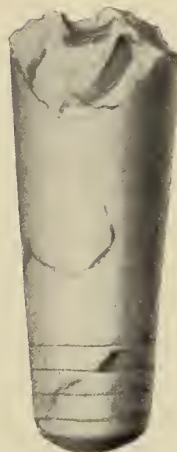
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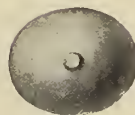
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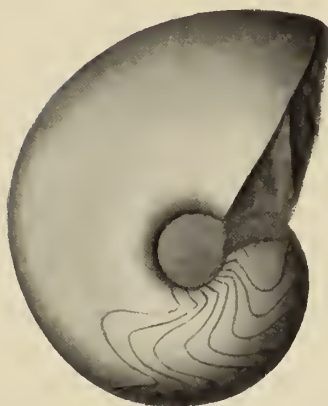
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